



SITE INFORMATION

Work Plan

**Deep Elem Riser (10.24.25)
Eddy County, New Mexico
Incident ID: nAPP2529752314
Unit A Sec 08 T26S R31E
32.062233°, -103.793128°**

Produced Water Release

**Point of Release: Equipment Failure on Pump
Release Date: 10/24/2025
Volume Released: 450 Barrels of Produced Water
Volume Recovered: 430 Barrels of Produced Water**

CARMONA RESOURCES



**Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706**

**Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701**

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 PROPOSED WORK PLAN

6.0 CONCLUSIONS

FIGURES

FIGURE 1	OVERVIEW	FIGURE 2	TOPOGRAPHIC
FIGURE 3	SAMPLE LOCATION	FIGURE 4	PROPOSED EXCAVATION
FIGURE 5	PROPOSED RECLAMATION		

APPENDICES

APPENDIX A	TABLE
APPENDIX B	PHOTOS
APPENDIX C	N.O.R. AND INITIAL C-141/NMOCD CORRESPONDENCE
APPENDIX D	SITE CHARACTERIZATION AND GROUNDWATER
APPENDIX E	LABORATORY REPORTS
APPENDIX F	RECLAMATION CRITERIA
APPENDIX G	KARST SURVEY



February 6, 2026

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

**Re: Work Plan
Deep Elem Riser (10.24.25)
EOG Resources, Inc
Incident ID: nAPP2529752314
Site Location: Unit A, S08, T26S, R31E
(Lat 32.062233°, Long -103.793128°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources LLC has prepared this letter to document site activities for the Deep Elem Riser (10.24.25). The site is located at 32.062233°, -103.793128° within Unit A, S08, T26S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release and initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on October 24, 2025, caused by equipment failure on a pump. It resulted in the release of four hundred and fifty (450) barrels of produced water, with four hundred thirty (430) barrels being recovered. Refer to Figure 3. The Notification of Release and initial C-141 forms are attached in Appendix C.

Additionally, a cultural resources survey was completed on October 28, 2025, and karst survey report in March 2018. The karst survey was completed in order to proceed with remediating per the standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet due to the site being determined to be in a “Medium Karst” environment. See Appendix G for the cultural resources and karst survey.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.61 miles Southwest of the site in S08, T26S, R31E, and was drilled in 1977. The well has a reported depth to groundwater of 300’ below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

On August 11, 2023, Carmona Resources, LLC requested a groundwater variance to utilize the above-referenced water well for closure criteria purposes. The variance request was approved on August 14, 2023. A copy of the correspondence is attached in Appendix D. EOG Resources is requesting to utilize the previously approved groundwater variance for this site.

310 West Wall Street, Suite 500
Midland, Texas 79701
432.813.1992



3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO +DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

4.0 Site Assessment Activities

Trenching Assessment

On November 18, 2025, Carmona Resources, LLC performed a trenching site assessment to evaluate soil impacts stemming from the release. A total of ten (10) test trenches (T-1 through T-10) and twelve (12) horizontal sample points (H-1 through H-12) were advanced to depths ranging from the surface to 4' bgs within the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain of custody documents, are attached in Appendix E.

See Table 1 for the analytical results.

5.0 Proposed Work Plan

Based on the analytical data of the detected chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The areas of T-1, T-4 and T-5 will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-3, T-8, T-9, and T-10 will be excavated to a depth of 3.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-2 and T-7 will be excavated to a depth of 4.0' below the surface and backfilled with clean material to surface grade.
- An estimated 3,205 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.
- A variance is requested per 19.15.29.14. A NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.



- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade and the proposed reclamation areas in Figure 5 will be reseeded with BLM Seed Mix #2. The seed mixture will be spread by a drill equipped with a depth regulator or a hand-held broadcaster and raked. If a hand-held broadcaster is used for dispersal, the pounds of pure live seed per acre will be doubled. Site inspections will assess the revegetation progress and evaluate the site for primary or secondary noxious weeds. If noxious weeds are identified, the BLM will be contacted to determine an effective eradication method. If the site does not show revegetation after one growing season, the area will be reseeded as appropriate. Approximately 0.60 acres of pastureland will be reclaimed and seeded accordingly. See Appendix F for soil survey and seed mixture. The remediation and reclamation will be implemented 90 days after the work plan is approved.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

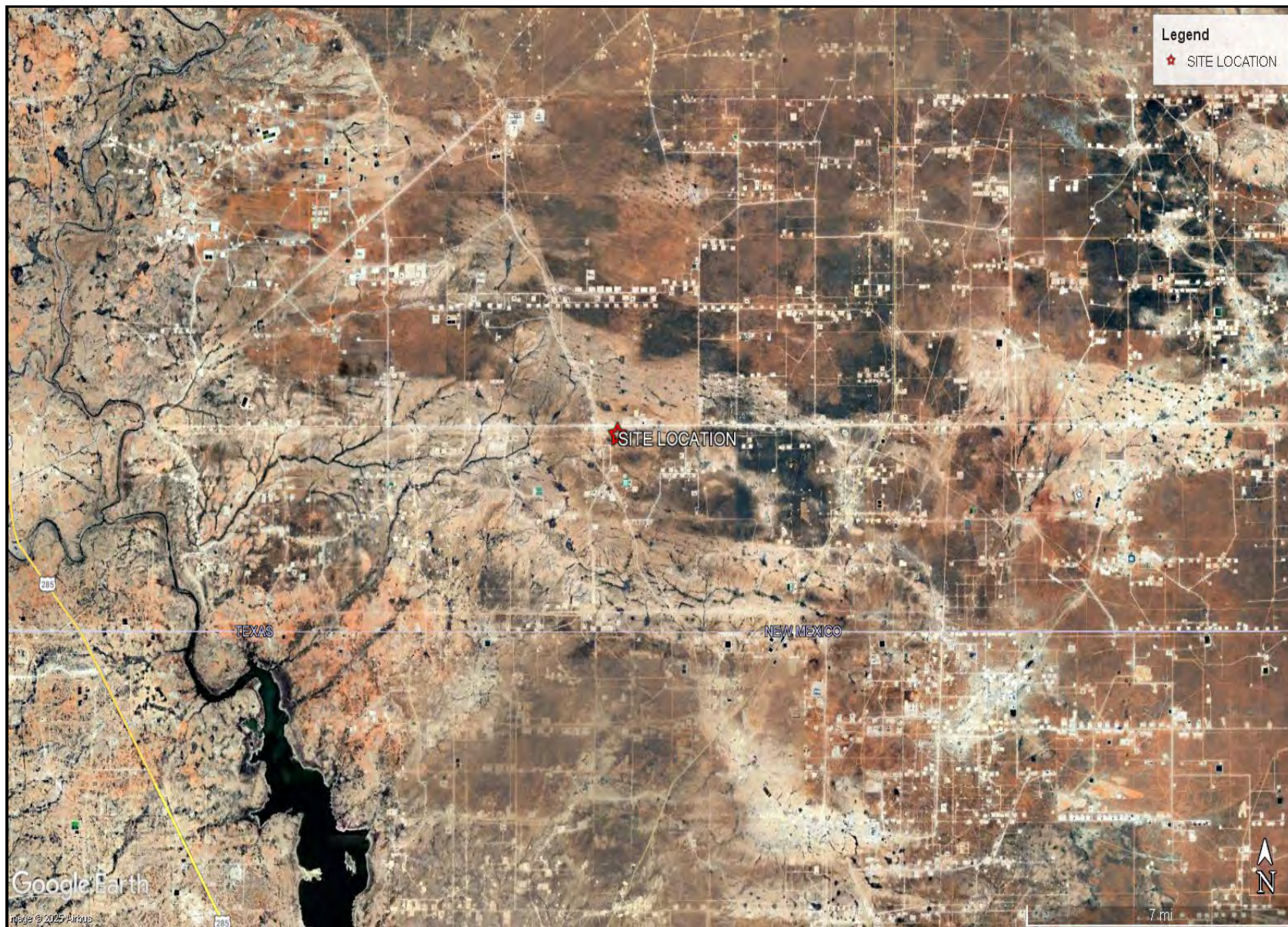
Stephen Reyes
Environmental Engineer

310 West Wall Street, Suite 500
Midland, Texas 79701
432.813.1992

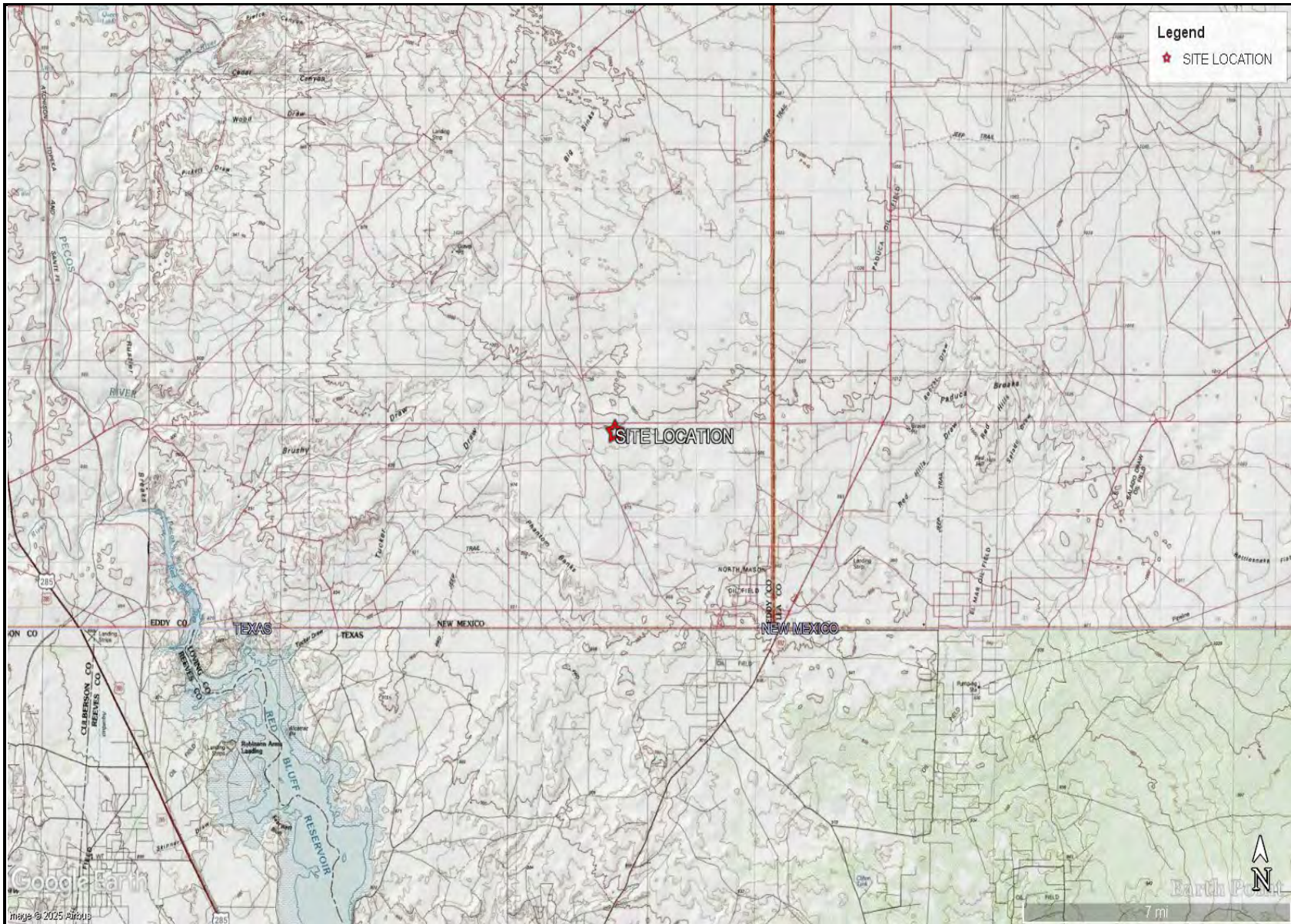
FIGURES

CARMONA RESOURCES





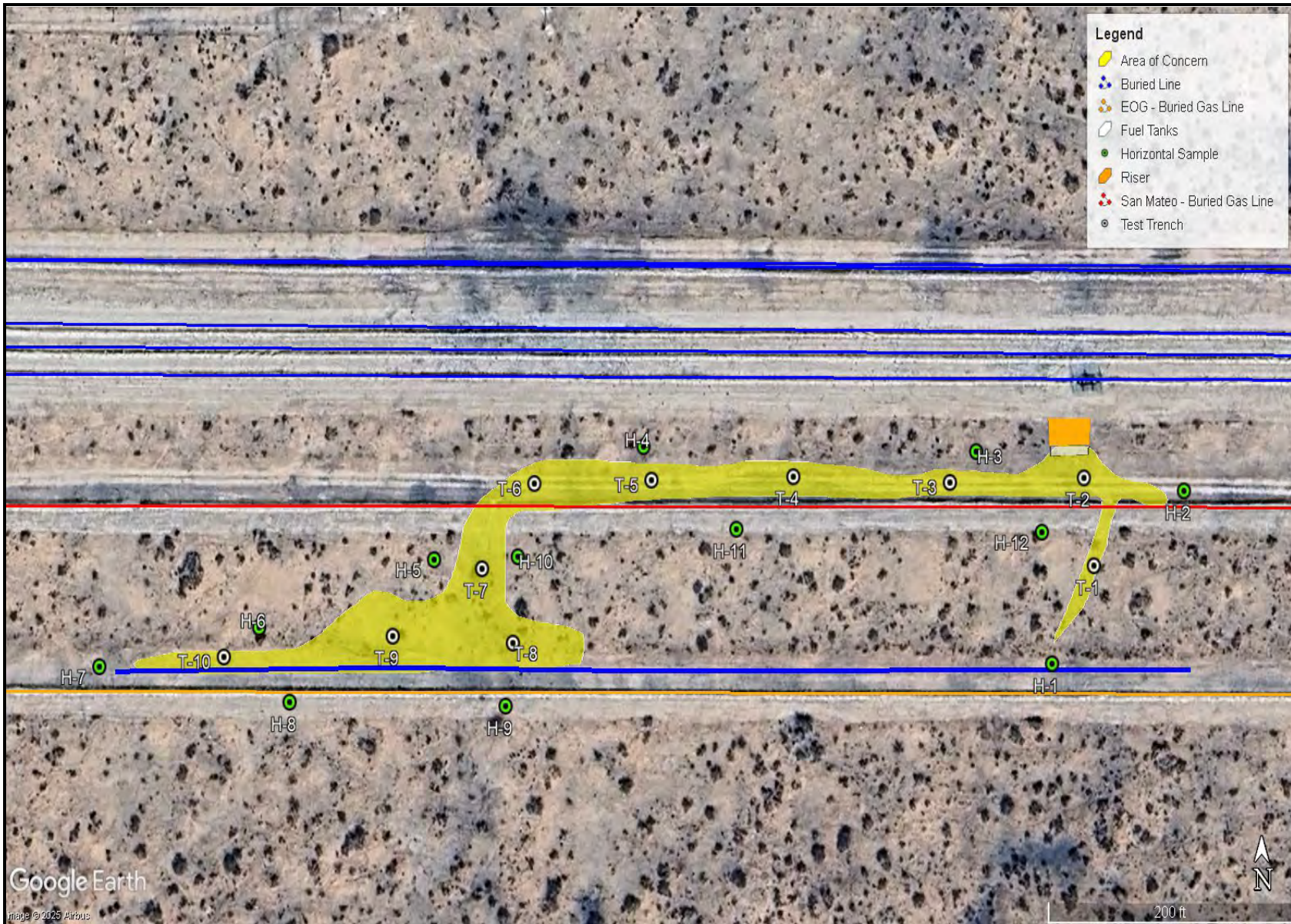
<p>OVERVIEW MAP EOG RESOURCES DEEP ELEM RISER (10.24.25) EDDY COUNTY, NEW MEXICO 32.062233°, -103.793128°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
---	--	-----------------



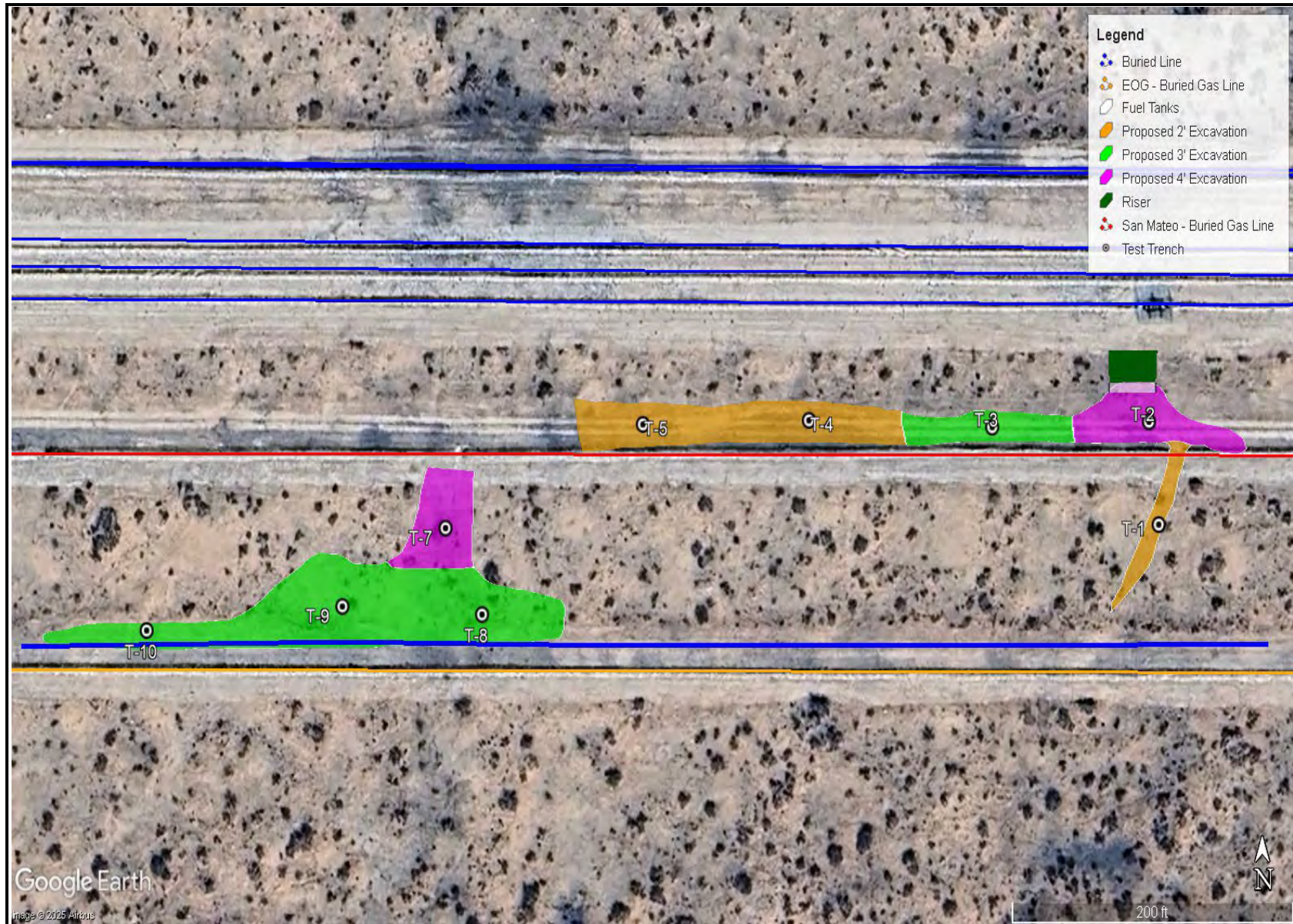
TOPOGRAPHIC MAP
EOG RESOURCES
DEEP ELEM RISER (10.24.25)
EDDY COUNTY, NEW MEXICO
32.062233°, -103.793128°



FIGURE 2



<p>SAMPLE LOCATION MAP EOG RESOURCES DEEP ELEM (10.24.25) EDDY COUNTY, NEW MEXICO 32.062233°, -103.793128°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
--	--	-----------------



PROPOSED EXCAVATION DEPTH MAP
EOG RESOURCES
DEEP ELEM RISER (10.24.25)
EDDY COUNTY, NEW MEXICO
32.062233°, -103.793128°



FIGURE 4



PROPOSED RECLAMATION MAP
EOG RESOURCES
DEEP ELEM RISER (10.24.25)
EDDY COUNTY, NEW MEXICO
32.062233°, -103.793128°



FIGURE 5


APPENDIX A

CARMONA RESOURCES



Table 1
EOG Resources
Deep Elem Riser (10.24.25)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	11/18/2025	0-1'	<10.0	11.7	<10.0	11.7	<0.050	<0.050	<0.050	<0.150	<0.300	18,100
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,600
	"	2'	<10.0	28.2	<10.0	28.2	<0.050	<0.050	<0.050	<0.150	<0.300	432
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
"	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
T-2	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,600
	"	1.5'	<10.0	16.7	<10.0	16.7	<0.050	<0.050	<0.050	<0.150	<0.300	5,600
	"	2'	<10.0	71.1	18.3	89.4	<0.050	<0.050	<0.050	<0.150	<0.300	6,160
	"	3'	<10.0	61.7	22.3	84.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,490
"	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
T-3	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,950
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	880
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,490
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
"	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
T-4	11/18/2025	0-1'	<10.0	25.0	<10.0	25.0	<0.050	<0.050	<0.050	<0.150	<0.300	9,760
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
"	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
T-5	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	9,200
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	9,000
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
"	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
T-6	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
"	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
<i>Regulatory Criteria^A</i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
^A - Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH- Total Petroleum Hydrocarbons
 ft-feet
 (T) - Trench Sample
 Proposed Excavation

**Table 1
EOG Resources
Deep Elem Riser (10.24.25)
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-7	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	11,800
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	12,900
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,800
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-8	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,760
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,320
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,120
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96.0
T-9	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,200
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,520
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,550
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
T-10	11/18/2025	0-1'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
	"	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,260
	"	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,010
	"	3'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	336
	"	4'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed


^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) - Trench Sample

 Proposed Excavation

**Table 1
EOG Resources
Deep Elem Riser (10.24.25)
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-2	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-4	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-5	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-6	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-7	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
H-8	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-9	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-10	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-11	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-12	11/17/2025	0-0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Northeast, area of concern.



Photograph No. 2

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View Southeast, area of concern.



Photograph No. 3

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View East, area of concern.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View West, area of concern.



Photograph No. 5

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View East, area of concern.

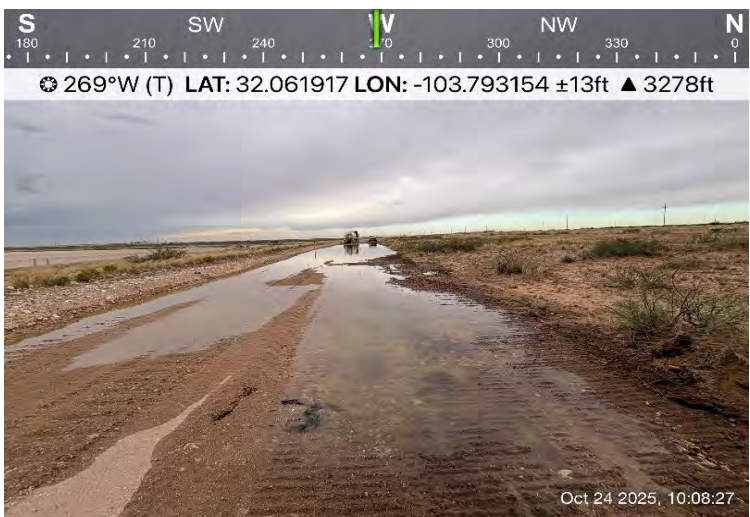


Photograph No. 6

Facility: Deep Elem Riser (10.24.25)

County: Eddy County, New Mexico

Description:
View West, area of concern.



APPENDIX C

CARMONA RESOURCES



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 519871

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Deep Elem Riser
Date Release Discovered	10/24/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 450 BBL Recovered: 430 BBL Lost: 20 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 519871

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 519871

ACKNOWLEDGMENTS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 519871

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 519871
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
csettle	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/24/2025

APPENDIX D

CARMONA RESOURCES

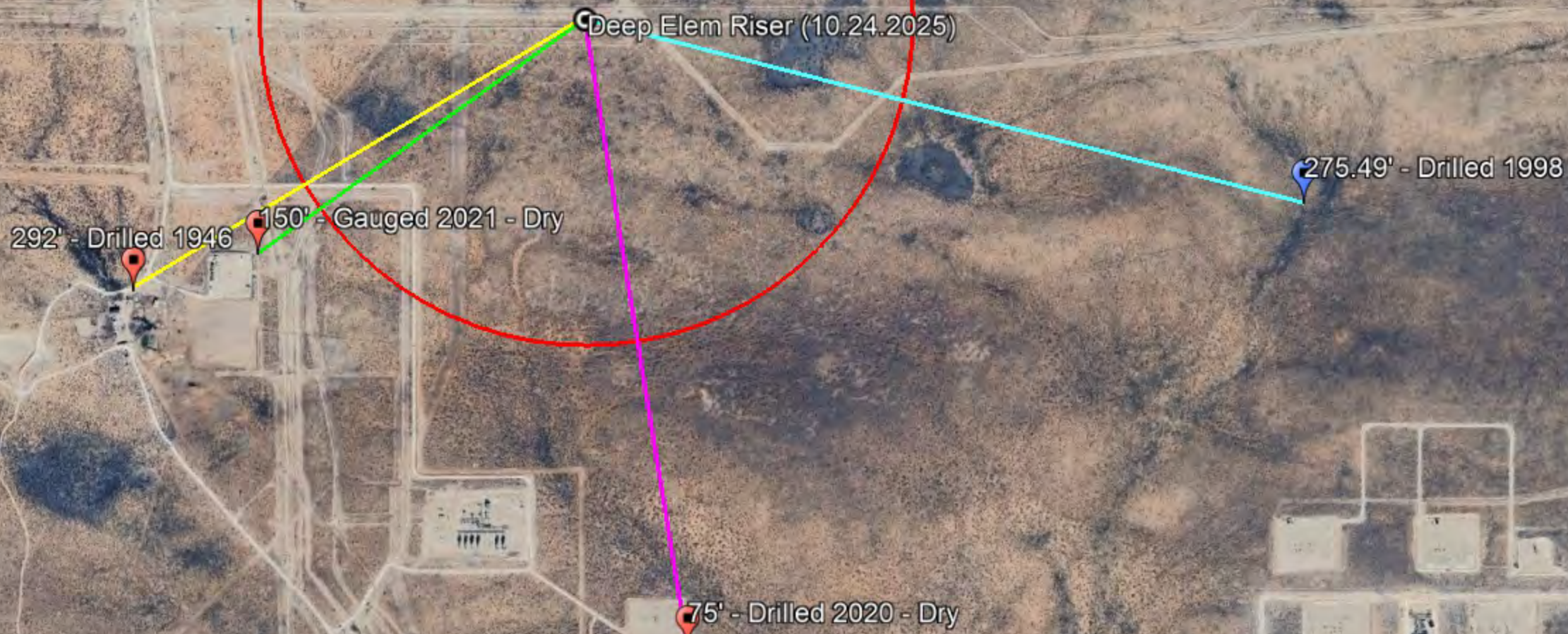


Nearest water well

EOG RESOURCES INC

Legend

- 0.50 Mile Radius
- 0.61 Miles
- 0.80 Miles
- 0.96 Miles
- 1.13 Miles
- Deep Elem Riser (10.24.2025)
- NMSEO Water Well
- USGS Water Well



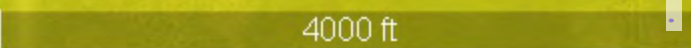
Medium Karst

EOG RESOURCES INC

Legend

- Deep Elem Riser (10.24.2025)
- Medium

Deep Elem Riser (10.24.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 01777		C	ED				08	26S	31E	613245.0	3547409.0 *	●	984	325	300	25
C 02248		CUB	ED	NW	NE	SW	08	26S	31E	612942.0	3547316.0 *	●	1288	300	292	8
C 02249		CUB	ED	NW	NE	SW	08	26S	31E	612942.0	3547316.0 *	●	1288	300	292	8
C 04700 POD1		CUB	ED	NE	NW	NE	10	26S	31E	616735.9	3548154.5	●	2699			
C 04966 POD1		CUB	ED	SE	SE	SW	10	26S	31E	616736.2	3548154.5	●	2700	105		
C 04769 POD1		CUB	ED	NE	NW	NE	21	26S	31E	615225.4	3544832.5	●	3371	101		
C 04693 POD1		CUB	ED	SW	SE	NE	13	26S	30E	610616.8	3545930.8	●	3995			

Average Depth to Water: **294 feet**

Minimum Depth: **292 feet**

Maximum Depth: **300 feet**

Record Count: 7

UTM Filters (in meters):

Easting: 614041.00

Northing: 3547989.00

Radius: 4000

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
 (quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	C 01777				08	26S	31E	613245	3547409*

Driller License: 208	Driller Company: VAN NOY, W.L.	
Driller Name: VAN NOY, W.L.		
Drill Start Date: 09/09/1977	Drill Finish Date: 09/16/1977	Plug Date:
Log File Date: 09/28/1977	PCW Rev Date:	Source: Shallow
Pump Type:	Pipe Discharge Size:	Estimated Yield:
Casing Size: 6.63	Depth Well: 325 feet	Depth Water: 300 feet

Water Bearing Stratifications:	Top	Bottom	Description
	300	325	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	295	325

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/31/23 8:43 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE)				(quarters are smallest to largest)		(NAD83 UTM in meters)	
		Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02248	1	2	3	08	26S	31E	612942	3547316*

Driller License:		Driller Company:	
Driller Name:	UNKNOWN		
Drill Start Date:		Drill Finish Date:	12/31/1946
Log File Date:		PCW Rev Date:	
Pump Type:		Pipe Discharge Size:	
Casing Size:	6.38	Depth Well:	300 feet
		Plug Date:	
		Source:	
		Estimated Yield:	6 GPM
		Depth Water:	292 feet

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/31/23 8:47 AM

POINT OF DIVERSION SUMMARY

File No. **C-4375**

NEW MEXICO OFFICE OF THE STATE ENGINEER



WR-07 APPLICATION FOR PERMIT TO DRILL A WELL WITH NO WATER RIGHT



(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well (Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Geotechnical Boring
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

<input checked="" type="checkbox"/> Temporary Request - Requested Start Date: 10/17/2019	Requested End Date: 10/17/2019
--	--------------------------------

Plugging Plan of Operations Submitted? Yes No

1. APPLICANT(S)

Name: EOG Resources, Inc.	Name:
Contact or Agent: <input type="checkbox"/> check here if Agent White Drilling Company, Inc.	Contact or Agent: <input type="checkbox"/> check here if Agent
Mailing Address: P.O. Box 906	Mailing Address:
City: Clyde	City:
State: TX <input checked="" type="checkbox"/> Zip Code: 79510	State: Zip Code:
Phone: 432-290-8446 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell Phone (Work):	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): office@whitedrilling.com	E-mail (optional):

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-4375	Trn. No.: 6661206	Receipt No.: 2-41313
Trans Description (optional): PODI		
Sub-Basin: CVB	PCW/LOG Due Date: 10-31-20	

2. WELL(S) Describe the well(s) applicable to this application.

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).

District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.

- NM State Plane (NAD83) (Feet)
 UTM (NAD83) (Meters)
 Lat/Long (WGS84) (to the nearest 1/10th of second)
- NM West Zone
 Zone 12N
- NM East Zone
 Zone 13N
- NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-4375 POD1	32 02 54.89	103 47 21.34	NW1/4 NW1/4, 16, 26 South, 31 East

NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)

Additional well descriptions are attached: Yes No **If yes, how many** _____

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: NM State Land Office Lease info attached.

Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? Yes No

If yes, how many _____

Approximate depth of well (feet): 75'

Outside diameter of well casing (inches): 2"

Driller Name: Dallas Rader

Driller License Number: WD-1456

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Geotechnical Soil Boring

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-4375

Trn No.: 461204

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<p>Exploratory: <input type="checkbox"/> Include a description of any proposed pump test, if applicable.</p>	<p>Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge.</p>	<p>Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.</p>	<p>Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.</p>
<p>Monitoring: <input checked="" type="checkbox"/> Include the reason for the monitoring well, and, <input checked="" type="checkbox"/> The duration of the planned monitoring.</p>	<p><input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.</p>	<p>Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.</p>	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), John White

Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

[Signature]
Applicant Signature

Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

approved partially approved denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 22 day of October 20 19, for the State Engineer,

John R. D'Antonio, Jr., P.E., State Engineer

By: [Signature]
Signature

Print

Title: Tim Williams, Supervisor/Pecos River Watermaster

Print

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-4375

Trn No.: 461206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.
- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

Trn Desc: C 04375 POD1

File Number: C 04375

Trn Number: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.
- LOG The Point of Diversion C 04375 POD1 must be completed and the Well Log filed on or before 10/31/2020.

IT IS THE PERMITTEES RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

SHOULD THE PERMITTEE CHANGE THE PURPOSE OF USE TO OTHER THAN MONITORING PURPOSES, AN APPLICATION SHALL BE ACQUIRED FROM THE OFFICE OF THE STATE ENGINEER.

Trn Desc: C 04375 POD1

File Number: C 04375

Trn Number: 661206

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 10/10/2019	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 22 day of Oct A.D., 2019

John R. D Antonio, Jr., P.E., State Engineer

By: Tim Williams
Tim Williams

Trn Desc: C 04375 POD1

File Number: C 04375

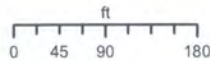
Trn Number: 661206



Esri, HERE, Garmin, (c) OpenStreetMap contributors, U.S. Department of Energy Office of Legacy Management

NEW MEXICO OFFICE OF THE STATE ENGINEER

1:2,257



YMENDIOLA



Reasonable efforts have been made by the New Mexico Office of the State Engineer (OSE) to verify that this map accurately represents the source data used in their preparation. However, a degree of error is inherent in all maps, and this map may contain omissions and errors in scale, resolution, coordination, positional accuracy, development, methodology, interpretation of source data, and other characteristics. These maps are furnished "as is" without warranty of any kind.

Spatial Information

County: Eddy
 Groundwater Basin: Carlsbad
 Abstract Area: Carlsbad
 Carlsbad Underground Basin
 Land Grant:
 Not in Land Grant
 Restrictions:
 NA
PLSS Description
 SWNENWNW Qtr of Sec 16 of 026S 031E
 Derived from CADNSDI- Qtr Sec. locations are calculated and are only approximations

Coordinates
UTM - NAD 83 (m) - Zone 13
 Easting 614305.037
 Northing 3546460.836
State Plane - NAD 83 (f) - Zone E
 Easting 709908.374
 Northing 381834.443
Degrees Minutes Seconds
 Latitude 32 : 2 : 54.890000
 Longitude -103 : 47 : 21.340000
 Location pulled from Coordinate Search

Parcel Information
 UPC/DocNum: 4-183-153-268-235
 Parcel Owner: STATE OF NEW MEXICO
 Address:

Legal: Quarter: NE S: 16 T: 26S R: 31E Quarter: NW S: 16 T: 26S R: 31E Quarter: SW S: 16 T: 26S R: 31E Quarter: SE S: 16 T: 26S R: 31E ALL SEC MAP#397-23

POD Information
 Owner: EOG RESOURCES/ST LAND
 File Number: C-4375 POD 1
 POD Status: NoData
 Permit Status: NoData
 Permit Use: NoData
 Purpose: BORING

- | | | | | |
|---|---|---|---|--|
| <ul style="list-style-type: none"> Calculated PLSS Coord Search Location OSE District Boundary SiteBoundaries | <p>Sample Locations</p> <ul style="list-style-type: none"> Well Abandoned Well Oil, Gas Well Abandoned Oil, Gas Well | <ul style="list-style-type: none"> Surface Surface/Sedi... Sediment Precipitation Gauge | <ul style="list-style-type: none"> Abandoned Precipitation Gauge Air Particulate Abandoned Air Particulate Treatment System | <ul style="list-style-type: none"> Abandoned Treatment System |
|---|---|---|---|--|

John R. D Antonio, Jr., P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 661206
File Nbr: C 04375 POD1

Oct. 22, 2019

JOHN WHITE DRILLING CO INC
EOG RESOURCES INC
PO BOX 906
CLYDE, TX 79510

Greetings:

Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,

Tim Williams
Tim Williams
(575) 622-6521

Enclosure

explore



Stephanie Garcia Richard
COMMISSIONER

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

September 30, 2019

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

Attn: Wesley Moss

Re: Right-of-Entry Permit No.: RE-4685 (Ross Draw Re-Use Pit)

Dear Applicant:

Enclosed is the completed captioned Right-of-Entry permit. If any corrections are necessary, please let us know and we will retype or amend this permit as necessary.

The New Mexico State Land Office requires you to notify any surface lessees that will be impacted by your project prior to construction.

If you have any questions, or if we may be of further assistance, please do not hesitate to contact Anthony Vigil at 505-827-5710.

Sincerely,

Stephanie Garcia Richard
Commissioner of Public Lands

SGR/av

Enclosures

4685 RE-4685 (ROSS DRAW RE-USE PIT)
OCT 10 AM '19
LANDS, NEW MEXICO

**STATE OF NEW MEXICO
COMMISSIONER OF PUBLIC LANDS
RIGHT OF ENTRY # 4685**

This Agreement is made and entered into between the COMMISSIONER OF PUBLIC LANDS ("Commissioner") and

Wesley Moss
EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

("Permittee"). Permittee desires to **conduct geotechnical investigations** on the land described below (the "Property") which is under the jurisdiction of the Commissioner.

The parties agree as follows:

1. RIGHT OF ENTRY (ROE).

The Commissioner grants to Permittee, its authorized representatives, contractors and subcontractors, permission to use, including right of ingress and egress, for the sole purpose of conducting geotechnical investigations on the following described lands (the "Property") situated in **Eddy** County, New Mexico:

Subdivision (Qtr/Qtr)	Section	Township	Range	Lat/Long Coordinates
NW ¼ NW ¼	16	26 South	31 East	32 02'54.89 103 47'21.34

2. TERM AND TERMINATION.

Right of entry is granted for a term of **180 days**, commencing on the execution date of this document by the Commissioner of Public Lands.

3. COMPENSATION.

On or before the effective date of this Agreement, Permittee shall pay to the Commissioner as consideration for this ROE Permit \$500.00 (Five hundred dollars), plus an application fee of \$50.00 (Fifty dollars).

Payment of all sums due the Commissioner by the Permittee under the terms of this Agreement shall be made at the Office of the Commissioner of Public Lands, 310 Old Santa Fe Trail, Post Office Box 1148, Santa Fe, New Mexico 87504-1148.

4. CONDITIONS OF USE

- A. The issuance of this ROE does not guarantee that any subsequent lease, permit or any other instrument will be issued for this property being investigated.
- B. No blading or widening of any two-track dirt roads that provides access to the above described property (Property) is permitted under this ROE.
- C. No sale of any material extracted from the Property is allowed under this ROE.
- D. Authorized party shall observe all applicable federal, state and local laws and regulations.
- E. Authorized party shall take all reasonable precautions to prevent and suppress forest, brush and grass fires and prevent pollution of waters on or in the vicinity of the Property.
- F. Authorized party shall not block or disrupt roads or trails commonly in use.
- G. This ROE is subject to any and all easements and rights-of-way previously granted and now in force and affect.
- H. Authorized party shall be responsible for repair and restitution for damage to any property or improvements as a result of activities related to this ROE.
- I. Prior to execution of project, Permittee must identify and contact all existing surface lessees. The granting of this permit does not allow access across private lands.

5. SURFACE RECLAMATION AND RESTORATION

- A. Drilling, excavation and other surface disturbing activities shall be restricted to areas deemed to have no archaeological significance.
- B. Access to the Property shall be over existing roads. No upgrading of the existing roads shall be done, except as necessary for the ingress and egress of required vehicles.
- C. All topsoil from the areas to be disturbed shall be stockpiled for use in reclamation.
- D. Upon completion of the use and operations permitted by this ROE, all disturbed sites shall be re-contoured to approximate the original contours.
- E. All material removed by excavation shall be replaced into the test holes, with the exception of an adequate sample, on or before the expiration date of this ROE.
- F. The natural environmental conditions that exist contemporaneously with this grant shall be preserved and protected. All applicable environmental and cultural resource protection laws and regulations shall be complied with and such reclamation or corrective actions as may be necessary to conduct geotechnical investigations consistent with safe and sound environmental management principles and practices shall be taken in order to protect the Property from any pollution, erosion or other environmental degradation and to avoid diminishing the value of the Property for any future use.

6. INDEMNITY

Authorized party shall save, hold harmless, indemnify and defend the State of New Mexico, the Commissioner and Commissioner's employees, agents and contractors, in both their official and individual capacities, from any and all liability, claims, losses, damages, or expenses of any character or nature whatsoever, including but not limited to attorney's fees, court costs, loss of land value or use, third party claims, penalties, or removal, remedial or restoration costs arising out of, or alleged to arise out of:

- A. The operations or presence on the Property, or on adjacent or proximate state trust lands, including those used to access the Property for the purposes of this Authorization, of Authorized party or authorized party's employees, agents, contractors or invitees;

B. The activities of third parties on the Property, or on adjacent or proximate state trust lands, including those used to access the Property or other adjacent or proximate state trust lands, whether with or without Authorized party's knowledge or consent;

C. Any Hazardous Materials located in, under, upon or otherwise affecting the Property or adjacent or proximate state trust lands, regardless of their point of origin or date of contamination.

7. STORAGE AND DISPOSAL OF MATERIALS.

Permittee shall not dispose of any trash, debris or waste materials on the Property or allow others to do so and shall remove all trash, debris and waste materials caused by their operations on the Property. This prohibition does not prevent the stockpiling or storage of spoil that results from geotechnical investigations on the Property for use in reclamation of the Property. Except as provided below, Permittee shall not cause or permit any Hazardous Materials to be brought upon or across, or to be used, kept, stored, generated or disposed of in, under or upon, the Property. As used in this Permit, Hazardous Materials includes, but is not limited to, oil, petroleum products, explosives, PCBs, asbestos, formaldehyde, radioactive materials or waste, or other hazardous, toxic, contaminated, or polluting materials, substances or wastes, including without limitation any materials defined as, or listed as, "hazardous substance", "hazardous waste", "hazardous material", "toxic substances" or "regulated substances" under any federal, state, or local laws, ordinances or regulations relating to landfills, industrial hygiene, environmental protection, or the manufacture, use, generation, presence, analysis, transportation, handling, storage, treatment, or disposal of any such material or materials.

This prohibition is not intended to prevent the use or temporary storage of reasonable amounts of oil, petroleum products, explosives, or materials required for the use of such items such as storage drums and filters, necessary for Permittee's ordinary day-to-day operations under the terms of this Agreement, provided such materials are used and stored in compliance with all applicable laws and regulations.

8. LEAKS AND SPILLS.

Due care shall be used to prevent leaks and spills of oil, and petroleum products used in Permittee's operations.

Permittee shall at Permittee's sole expense report and cleanup all leaks and spills on the Property in accordance with state, federal and local law, including but not limited to: discharges of water contaminants pursuant to the New Mexico Water Quality Control Commission regulations (20 NMAC 6.2.1203); hazardous substance incidents pursuant to the New Mexico Environmental Improvement Board Hazardous Waste Management Regulations (20 NMAC 4.1.1 et seq.); and releases of hazardous substances pursuant to the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. § 9603). Permittee shall notify Commissioner within twenty-four (24) hours of any reports made pursuant to this paragraph 7.

9. TECHNICAL DATA.

Permittee shall provide to the Commissioner reports of all technical data produced as a result of the geotechnical investigations allowed by this Agreement. Technical data to be reported to the Commissioner may include, but is not limited to: a scaled plat showing the locations, number and depth of all excavated or drilled holes with respect to the boundaries of the Property covered by this Agreement; the amount of land disturbed measured in square feet; a description of top soil depth, overburden depth, and the thickness of the aggregate; copies of any laboratory analyses performed on the aggregate, and estimates of the volume of aggregate. Such reports shall be submitted to the Commissioner within **thirty (30)** days of the expiration of this Agreement.

The Commissioner, in his discretion, may not issue a lease to Permittee for any portion of the Property covered by this Agreement if the Permittee fails to fulfill this obligation.

All reports, notices, or other written correspondence shall be submitted to Right of Way Manager, Commercial Division, State Land Office, and P.O. Box 1148, Santa Fe, NM 87504-1148.

10. SURVIVAL OF TERMS.

Permittee's obligations under paragraphs governing indemnity, storage and disposal of materials, surface reclamation and restoration, compliance with applicable standards and laws, and submittal of reports of technical data, shall survive the termination, cancellation or relinquishment of this Agreement, and any cause of action of the Commissioner to enforce any right, liability, claim, loss, damage or expense under those paragraphs shall not be deemed to accrue until the Commissioner's actual discovery of said right, liability, claim, loss, damage or expense.

WITNESS the hands and seals of PERMITTEE and COMMISSIONER on the day(s) and year entered below.

Wandy Daltz Telephone: _____
PERMITTEE: EOG Resources Inc.

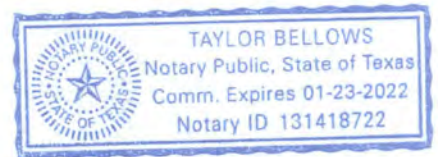
ACKNOWLEDGMENT

STATE OF TEXAS)

COUNTY OF MIDLAND)

The foregoing instrument was acknowledged before me this 25th day of September, 20 19.

My Commission Expires: 01-23-2022 Taylor Bellows
NOTARY PUBLIC

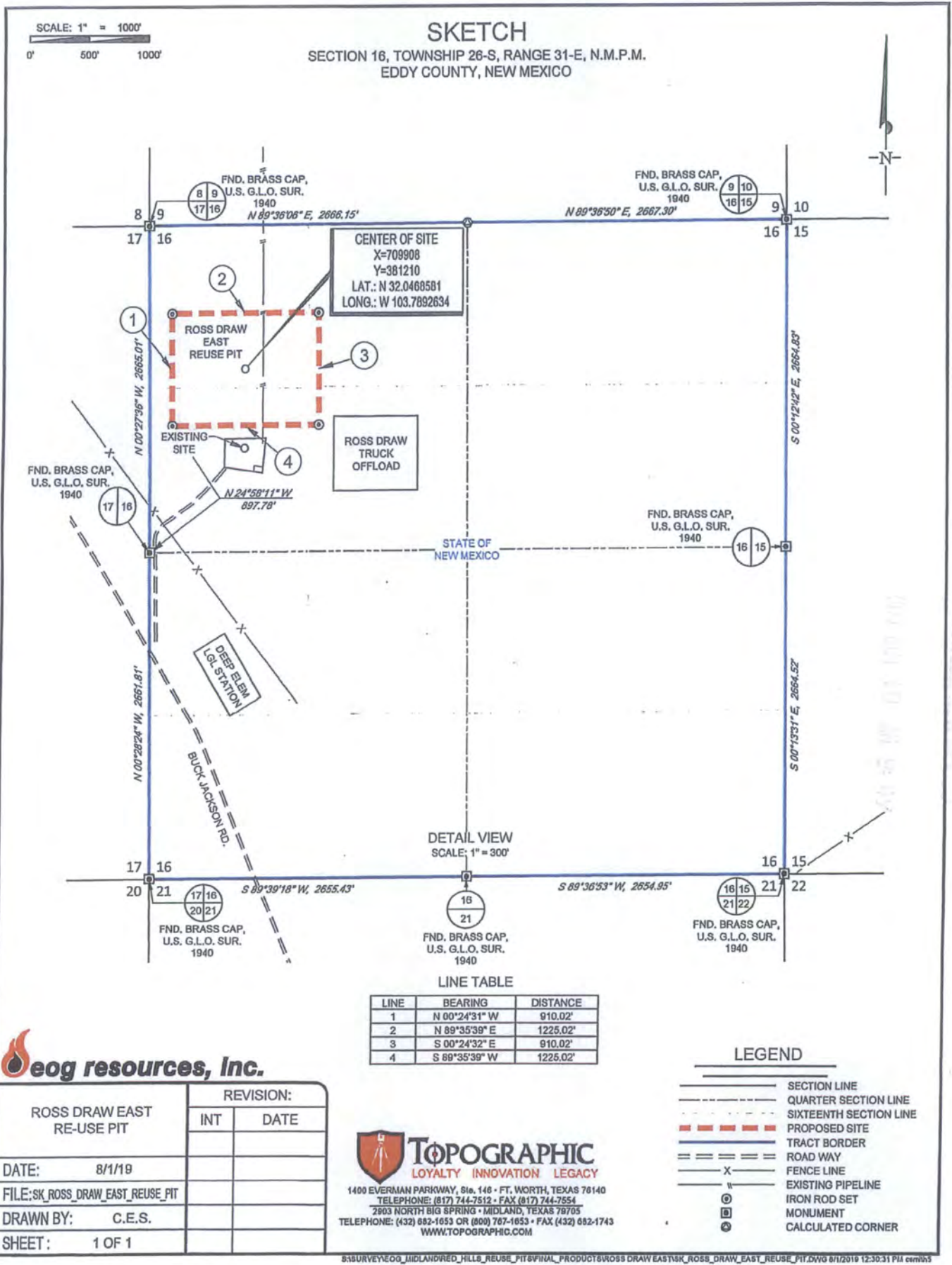


Debrae Garcia Richard / 1/3
COMMISSIONER OF PUBLIC LANDS

DATE: 10/03/2019



RE-4685



S:\SURVEY\EOG_MIDLAND\HILLS_REUSE_PIT\SPINAL_PRODUCT\ROSS_DRAW_EAST\SK_ROSS_DRAW_EAST_REUSE_PIT.DWG 8/1/2019 12:30:31 PM cemb3



WELL PLUGGING PLAN OF OPERATIONS



NOTE: A Well Plugging Plan of Operations shall be filed with and accepted by the Office of the State Engineer prior to plugging. This form may be used to plug a single well, or if you are plugging multiple monitoring wells on the same site using the same plugging methodology.

Alert! Your well may be eligible to participate in the Aquifer Mapping Program (AMP)-NM Bureau of Geology geoinfo.nmt.edu/resources/water/cgmn/ if within an area of interest and meets the minimum construction requirements, such as there is still water in your well, and the well construction reflected in a well record and log is not compromised, contact AMP at 575-835-5038 or -6951, or by email nmbg-waterlevels@nmt.edu, prior to completing this prior form. Showing proof to the OSE that your well was accepted in this program, may delay the plugging of your well until a later date.

I. FILING FEE: There is no filing fee for this form.

II. GENERAL / WELL OWNERSHIP: Check here if proposing one plan for multiple monitoring wells on the same site and attaching WD-08m

Existing Office of the State Engineer POD Number (Well Number) for well to be plugged: C-4375 POD1
Name of well owner: EOG Resources, Inc.
Mailing address: 5509 Champions Drive County: Midland
City: Midland State: Texas Zip code: 79706
Phone number: (432) 556-2792 E-mail: Galan_Kelly@eogresources.com

III. WELL DRILLER INFORMATION:

Well Driller contracted to provide plugging services: John W. White
New Mexico Well Driller License No.: WD-1456 Expiration Date: 09/30/2020

IV. WELL INFORMATION: Check here if this plan describes method for plugging multiple monitoring wells on the same site and attach supplemental form WD-08m and skip to #2 in this section.

Note: A copy of the existing Well Record for the well(s) to be plugged should be attached to this plan.

1) GPS Well Location: Latitude: 32 deg, 05 min, 54.89 sec
Longitude: 103 deg, 47 min, 21.34 sec, NAD 83

2) Reason(s) for plugging well(s):

If water is encountered during geotechnical drilling

3) Was well used for any type of monitoring program? No If yes, please use section VII of this form to detail what hydrogeologic parameters were monitored. If the well was used to monitor contaminated or poor quality water, authorization from the New Mexico Environment Department may be required prior to plugging.

4) Does the well tap brackish, saline, or otherwise poor quality water? _____ If yes, provide additional detail, including analytical results and/or laboratory report(s):

5) Static water level: _____ feet below land surface / feet above land surface (circle one)

6) Depth of the well: 75 feet

- 7) Inside diameter of innermost casing: 2 inches.
- 8) Casing material: Sch. 40 PVC if needed to check water level only for 24 hours
- 9) The well was constructed with:
 - an open-hole production interval, state the open interval: _____
 - a well screen or perforated pipe, state the screened interval(s): 70-80
- 10) What annular interval surrounding the artesian casing of this well is cement-grouted? _____
- 11) Was the well built with surface casing? _____ If yes, is the annulus surrounding the surface casing grouted or otherwise sealed? _____ If yes, please describe:
- 12) Has all pumping equipment and associated piping been removed from the well? _____ If not, describe remaining equipment and intentions to remove prior to plugging in Section VII of this form.

V. DESCRIPTION OF PLANNED WELL PLUGGING: If plugging method differs between multiple wells on same site, a separate form must be completed for each method.

Note: If this plan proposes to plug an artesian well in a way other than with cement grout, placed bottom to top with a tremie pipe, a detailed diagram of the well showing proposed final plugged configuration shall be attached, as well as any additional technical information, such as geophysical logs, that are necessary to adequately describe the proposal. Attach a copy of any signed OSE variance to this plugging plan.

Also, if this planned plugging plan requires a variance to 19.27.4 NMAC, attach a detailed variance request signed by the applicant.

- 1) Describe the method by which cement grout shall be placed in the well, or describe requested plugging methodology proposed for the well:

Pump Mix w/trimie pipe from bottom to top
- 2) Will well head be cut-off below land surface after plugging? _____

VI. PLUGGING AND SEALING MATERIALS:

Note: The plugging of a well that taps poor quality water may require the use of a specialty cement or specialty sealant. Attach a copy of the batch mix recipe from the cement company and/or product description for specialty cement mixes or any sealant that deviates from the list of OSE approved sealants.

- 1) For plugging intervals that employ cement grout, complete and attach Table A.
- 2) For plugging intervals that will employ approved non-cement based sealant(s), complete and attach Table B.
- 3) Theoretical volume of grout required to plug the well to land surface: 12.75 gallons
- 4) Type of Cement proposed: Type 2 Portland Cement w/5% quick gel
- 5) Proposed cement grout mix: 6 gallons of water per 94 pound sack of Portland cement.
- 6) Will the grout be: _____ batch-mixed and delivered to the site
X mixed on site

7) Grout additives requested, and percent by dry weight relative to cement:

[Empty box for grout additives information]

8) Additional notes and calculations:

[Empty box for additional notes and calculations]

VII. ADDITIONAL INFORMATION: List additional information below, or on separate sheet(s):

[Large empty box for additional information]

VIII. SIGNATURE:

I, _____, say that I have carefully read the foregoing Well Plugging Plan of Operations and any attachments, which are a part hereof; that I am familiar with the rules and regulations of the State Engineer pertaining to the plugging of wells and will comply with them, and that each and all of the statements in the Well Plugging Plan of Operations and attachments are true to the best of my knowledge and belief.

[Handwritten signature]

Signature of Applicant

10-9-19

Date

IX. ACTION OF THE STATE ENGINEER:

This Well Plugging Plan of Operations is:

- Approved subject to the attached conditions.
- Not approved for the reasons provided on the attached letter.

Witness my hand and official seal this 22 day of October, 2019

John R. D'Antonio Jr. P.E., New Mexico State Engineer

By: *Tim Williams*
Tim Williams, Supervisor/Pecos River Watermaster

TABLE A - For plugging intervals that employ cement grout. Start with deepest interval.


	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of grout placement (ft bgl)			0
Bottom of proposed interval of grout placement (ft bgl)			75
Theoretical volume of grout required per interval (gallons)			12.75
Proposed cement grout mix gallons of water per 94-lb. sack of Portland cement			6
Mixed on-site or batch-mixed and delivered?			mixed on site
Grout additive 1 requested			5% quick gel
Additive 1 percent by dry weight relative to cement			
Grout additive 2 requested			
Additive 2 percent by dry weight relative to cement			

TABLE B - For plugging intervals that will employ approved non-cement based sealant(s). Start with deepest interval.

	Interval 1 – deepest	Interval 2	Interval 3 – most shallow
			Note: if the well is non-artesian and breaches only one aquifer, use only this column.
Top of proposed interval of sealant placement (ft bgl)			
Bottom of proposed sealant of grout placement (ft bgl)			
Theoretical volume of sealant required per interval (gallons)			
Proposed abandonment sealant (manufacturer and trade name)			

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? S	
						Groundwater	New Mexico	GO

Click to hide News Bulletins

- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#) 

Groundwater levels for New Mexico

Click to hide state-specific text

 Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
 site_no list =

- 320330103462401

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico
 Latitude 32°03'30", Longitude 103°46'24" NAD27
 Land-surface elevation 3,251 feet above NAVD88
 The depth of the well is 380 feet below land surface.
 This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
 This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1983-02-16			D 62610		2972.78	NGVD29	1	Z		
1983-02-16			D 62611		2974.42	NAVD88	1	Z		
1983-02-16			D 72019	276.58			1	Z		
1987-10-21			D 62610		2972.14	NGVD29	1	Z		
1987-10-21			D 62611		2973.78	NAVD88	1	Z		
1987-10-21			D 72019	277.22			1	Z		
1992-11-05			D 62610		2973.40	NGVD29	P	O		
1992-11-05			D 62611		2975.04	NAVD88	P	O		
1992-11-05			D 72019	275.96			P	O		
1998-01-29			D 62610		2973.87	NGVD29	1	S		
1998-01-29			D 62611		2975.51	NAVD88	1	S		
1998-01-29			D 72019	275.49			1	S		

Date	Time	?	?	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	?
		Water-level date-time accuracy	Parameter code				S
Parameter code		72019	Depth to water level, feet below land surface				
Referenced vertical datum		NAVD88	North American Vertical Datum of 1988				
Referenced vertical datum		NGVD29	National Geodetic Vertical Datum of 1929				
Status		1	Static				
Status		P	Pumping				
Method of measurement		O	Observed.				
Method of measurement		S	Steel-tape measurement.				
Method of measurement		Z	Other.				
Measuring agency			Not determined				
Source of measurement			Not determined				
Water-level approval status		A	Approved for publication -- Processing and review completed.				

- [Questions or Comments](#)
- [Automated retrievals](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)
- [News](#)

[Accessibility](#)
 [FOIA](#)
 [Privacy](#)
 [Policies and Notices](#)

[U.S. Department of the Interior](#) |
 [U.S. Geological Survey](#)

Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

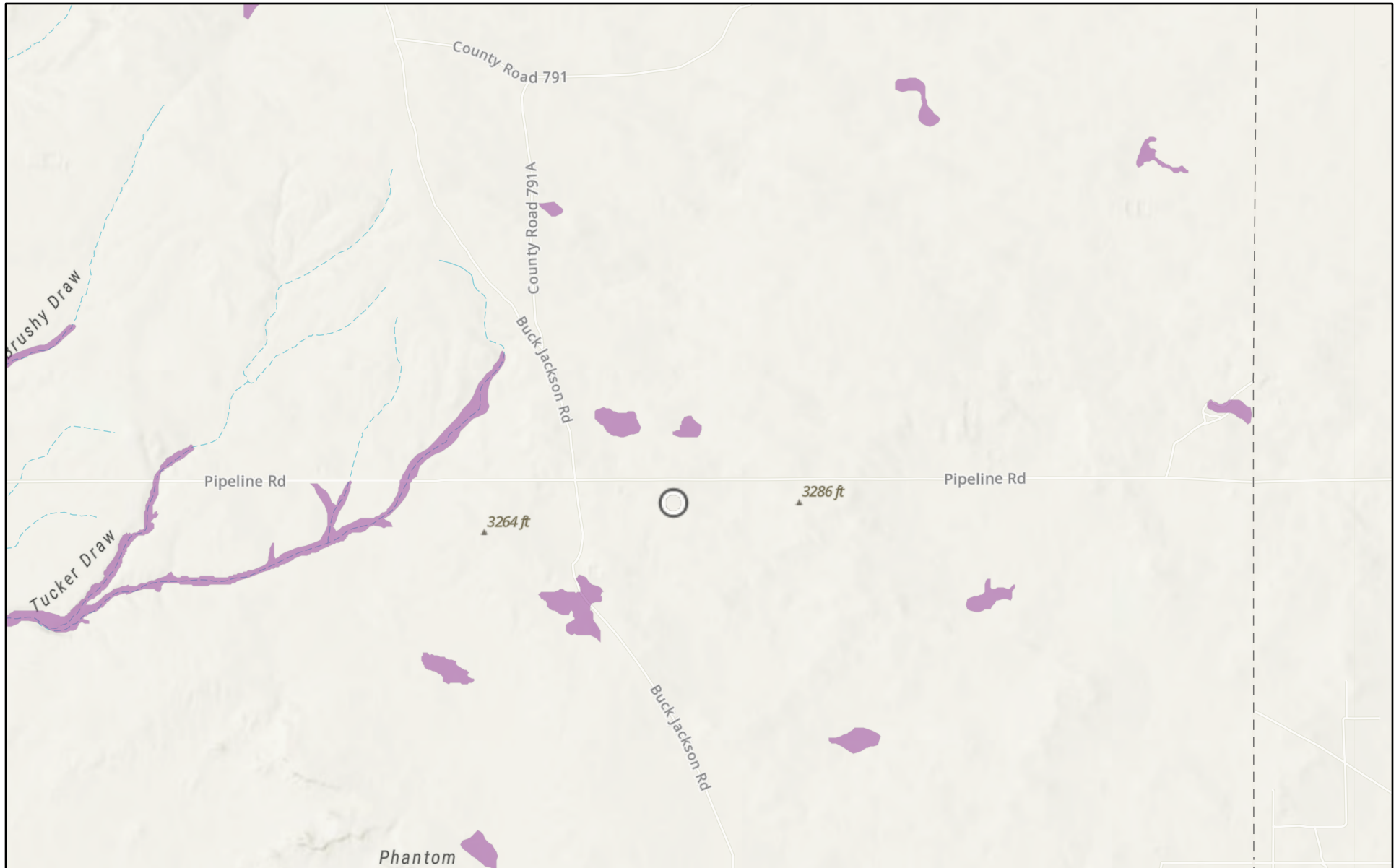


Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2023-07-31 10:51:09 EDT

0.28 0.24 nadww02

Deep Elem Riser (10.24.2025)

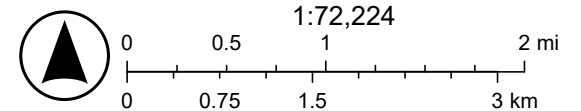


10/26/2025

USA Flood Hazard Areas

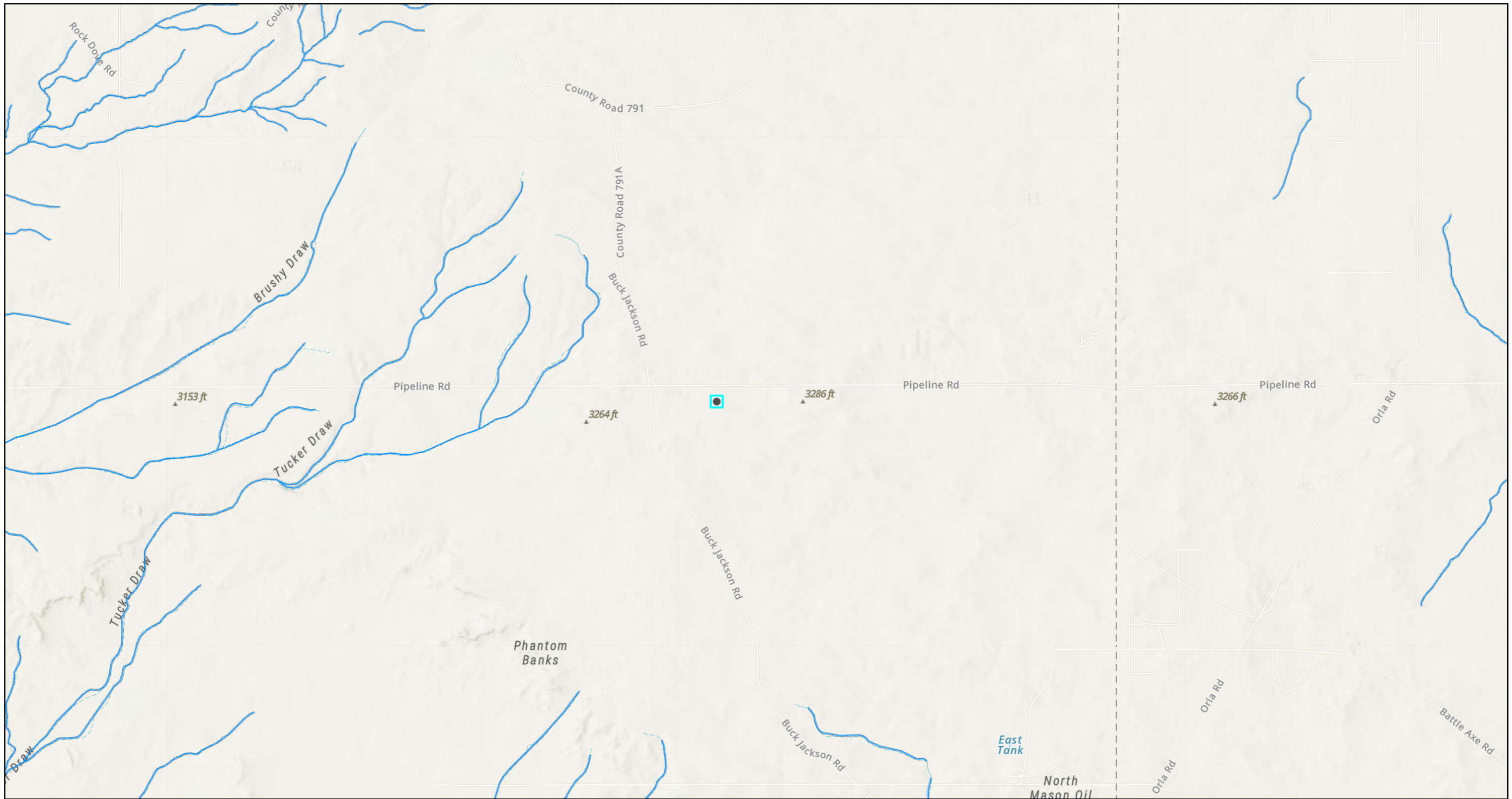
World_Hillshade

 1% Annual Chance Flood Hazard



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

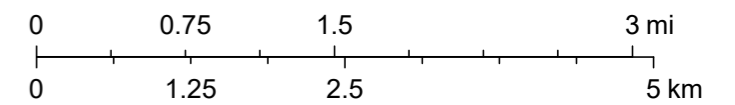
Deep Elem Riser (10.24.2025)



10/27/2025, 8:45:49 AM

1:72,224

— OSE Streams



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE

Ashton Thielke

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Monday, August 14, 2023 10:16 AM
To: Ashton Thielke
Subject: RE: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

Ashton,

There doesn't seem to be any wetlands, karst, or flood plain issues with the site. For future reference, 0.6 miles is slightly outside the 1/2 mile radius that we require for a reference groundwater depth. Generally, any reference groundwater depth further out than this would require a borehole for groundwater depth determination.

The Variance Request for 100' groundwater depth determination is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave. | Artesia, NM 88210
575.909.0302 | robert.hamlet@state.nm.us
<http://www.emnrd.state.nm.us/OCD/>



From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Friday, August 11, 2023 9:49 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Robert,

On behalf of EOG, I am requesting a groundwater variance for the above-mentioned site. Attached is groundwater research of the site that include nearby water wells I have found in my research. The nearest water well has a depth of 275.49' and was drilled in 1998, located 0.65 miles southeast from the nearest horizontal extent of the spill area. The site is not located in a high karst environment.

Due to the depth of local groundwater and the site being not located in a high karst, EOG requests a closure criteria variance to reflect groundwater 100'+ as shown in Table 1 of 19.15.29.12 NMAC.

APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 25, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 11/19/25 9:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Snyder For Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (0-1') (H257259-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18100	16.0	11/20/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	11.7	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 79.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (1.5') (H257259-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6660	16.0	11/20/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 77.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (2') (H257259-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	28.2	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 73.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (3') (H257259-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99		
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84		
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875		
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976		
Total BTEX	<0.300	0.300	11/19/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/20/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 74.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 1 (4') (H257259-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 68.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (0-1') (H257259-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 79.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (1.5') (H257259-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	16.7	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 78.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (2') (H257259-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6160	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	193	96.4	200	3.94	
DRO >C10-C28*	71.1	10.0	11/19/2025	ND	205	103	200	7.55	
EXT DRO >C28-C36	18.3	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 80.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (3') (H257259-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	61.7	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	22.3	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 67.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 60.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 2 (4') (H257259-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/19/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/19/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/19/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/19/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 70.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (0-1) (H257259-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1950	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 58.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 51.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/18/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 3 (1.5') (H257259-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 71.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (2') (H257259-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 87.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (3') (H257259-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 72.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 3 (4') (H257259-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.99		
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	11/20/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 84.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (0-1') (H257259-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.99	
Toluene*	<0.050	0.050	11/20/2025	ND	2.16	108	2.00	1.84	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.10	105	2.00	0.875	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.35	106	6.00	0.976	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9760	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	25.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 65.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 57.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (1.5') (H257259-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (2') (H257259-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	11/20/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 82.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 4 (3') (H257259-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/20/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 76.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/18/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 4 (4') (H257259-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	11/20/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 79.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (0-1') (H257259-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	9200	16.0	11/20/2025	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 89.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (1.5') (H257259-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9000	16.0	11/20/2025	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (2') (H257259-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 87.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (3') (H257259-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/20/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 79.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 5 (4') (H257259-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (0-1') (H257259-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/20/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 65.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 56.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (1.5') (H257259-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/20/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 75.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 65.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (2') (H257259-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	211	106	200	0.739	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	200	100	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (3') (H257259-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 71.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 67.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 6 (4') (H257259-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/20/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 74.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (0-1') (H257259-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 77.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (1.5') (H257259-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12900	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 78.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/18/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 7 (2') (H257259-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 75.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (3') (H257259-34)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	11/20/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 75.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 70.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 7 (4') (H257259-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209		
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/20/2025	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 71.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 66.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (0-1') (H257259-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.06	103	2.00	0.209	
Toluene*	<0.050	0.050	11/20/2025	ND	2.17	108	2.00	0.565	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.08	104	2.00	1.92	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.21	104	6.00	1.92	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5760	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (1.5') (H257259-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8320	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 76.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/18/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 8 (2') (H257259-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 78.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 73.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 8 (3') (H257259-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 66.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 62.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/18/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 8 (4') (H257259-40)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 69.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (0-1') (H257259-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7200	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 78.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (1.5') (H257259-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7520	16.0	11/20/2025	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 79.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (2') (H257259-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	11/20/2025	ND	464	116	400	3.51	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 75.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.6 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (3') (H257259-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30		
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	11/20/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 72.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 9 (4') (H257259-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 74.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (0-1') (H257259-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 69.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 64.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (1.5') (H257259-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 76.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 71.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/18/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: T - 10 (2') (H257259-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	205	103	200	2.94	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	196	98.2	200	3.97	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 81.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (3') (H257259-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 75.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 68.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/18/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: T - 10 (4') (H257259-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 77.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 69.5 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

145725

Page 1 of 5

Project Manager: Conner Moehring
 Company Name: Carmona Resources
 Address: 310 W Wall St Ste 500
 City, State ZIP: Midland TX 79701
 Phone: (432) 813-6823
 Email: Todd Wells@ecoresources.com

Bill to: (if different) Todd Wells
 Company Name: EOG Resources
 Address: 5509 Champions Dr
 City, State ZIP: Midland TX 79706

Program: UST/PST PRP Brownfields RRC Superfund
 State of Project: Level II Level III PST/UST RRP Level IV
 Reporting Level: EDD ADAPT Other:

Project Name: Deep Elm Riser (10.24.2025) Turn Around
 Project Number: 3049 Routine Rush
 Project Location: Eddy County, New Mexico Due Date:
 Sampler's Name: JR
 PO #: *10.11.19/25*

SAMPLE RECEIPT
 Received Intact: Yes No Thermometer ID: *#140*
 Cooler Custody Seals: Yes No N/A Correction Factor: *10.3°C*
 Sample Custody Seals: Yes No N/A Temperature Reading: *28.8°C*
 Total Containers: Corrected Temperature: *-2.5°C*

Parameters
 BTEX 8021B
 TPH: 8015M (GRO + DRO + MRO)
 Chloride 4500

Preservative Codes
 None: NO
 DI Water: H₂O
 Cool: Cool MeOH: Me
 HCL: HC HNO₃: HN
 H₂SO₄: H₂ NaOH: Na
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₃: NaSO₃
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-1 (0-1')	11/18/2025		X		G	1	X		
T-1 (1.5)	11/18/2025		X		G	1	X		
T-1 (2')	11/18/2025		X		G	1	X		
T-1 (3')	11/18/2025		X		G	1	X		
T-1 (4')	11/18/2025		X		G	1	X		
T-2 (0-1')	11/18/2025		X		G	1	X		
T-2 (1.5)	11/18/2025		X		G	1	X		
T-2 (2')	11/18/2025		X		G	1	X		
T-2 (3')	11/18/2025		X		G	1	X		
T-2 (4')	11/18/2025		X		G	1	X		

Comments: Email to Mike Carmona / mcarmona@carmonarresources.com and Conner Moehring / cmoehring@carmonarresources.com

04034015-002

Relinquished by: (Signature) *[Signature]* Date/Time: 11-19-26 0925
 Received by: (Signature) *[Signature]* Date/Time:

Chain of Custody

Work Order No: 1857259

Page 2 of 5



Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd.Wells@eogresources.com

Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Deep Elm Riser (10.24.2025)	Turn Around	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	
Project Number:	3049	Due Date:				
Project Location:	Eddy County, New Mexico					
Sampler's Name:	JR					
PO #:						
SAMPLE RECEIPT	Temp Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Wet Ice: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer ID: #140			
Received In tact:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Correction Factor: 10.3%				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading: 2.8%				
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Corrected Temperature: 2.5%				
Total Containers:						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-3 (0-1')	11/18/2025		X		G	1	BTEX 8021B		None: NO	
T-3 (1.5')	11/18/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O	
T-3 (2')	11/18/2025		X		G	1			Cool: Cool	MeOH: Me
T-3 (3')	11/18/2025		X		G	1			HCL: HC	HNO ₃ : HN
T-3 (4')	11/18/2025		X		G	1			H ₂ SO ₄ : H ₂	NaOH: Na
T-4 (0-1')	11/18/2025		X		G	1			H ₃ PO ₄ : HP	
T-4 (1.5')	11/18/2025		X		G	1			NaHSO ₄ : NABIS	
T-4 (2')	11/18/2025		X		G	1			Na ₂ S ₂ O ₈ : NaSO ₃	
T-4 (3')	11/18/2025		X		G	1			Zn Acetate+NaOH: Zn	
T-4 (4')	11/18/2025		X		G	1			NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25-0925		

Chain of Custody

Work Order No:

HA5785

Page 3 of 3

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	3049	Due Date:			
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JR				
PO #:					
SAMPLE RECEIPT					
Received In tact:	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Cooler Custody Seal:	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Sample Custody Seals:	Correction Factor:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Total Containers:	Temperature Reading:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
	Corrected Temperature:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
T-5 (0-1')	11/18/2025		X		G	1	X	X	X	
T-5 (1.5')	11/18/2025		X		G	1	X	X	X	
T-5 (2')	11/18/2025		X		G	1	X	X	X	
T-5 (3')	11/18/2025		X		G	1	X	X	X	
T-5 (4')	11/18/2025		X		G	1	X	X	X	
T-6 (0-1')	11/18/2025		X		G	1	X	X	X	
T-6 (1.5')	11/18/2025		X		G	1	X	X	X	
T-6 (2')	11/18/2025		X		G	1	X	X	X	
T-6 (3')	11/18/2025		X		G	1	X	X	X	
T-6 (4')	11/18/2025		X		G	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11-19-25 0925		

Chain of Custody

Work Order No:

119250925

Page 5 of 5

Page 57 of 57

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program: UST/PST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund
State of Project:	
Reporting Level II	<input type="checkbox"/> Level III <input type="checkbox"/> DST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables: EDD	<input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Ru5 ^h	Pres. Code	
Project Number:	3049	Due Date:			
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JR				
PO #:					
SAMPLE RECEIPT					
Received Inact:	Temp Blank:	Yes	No	Wet Ice:	Yes
Cooler Custody Seals:	Thermometer ID:	Yes	No		No
Sample Custody Seals:	Correction Factor:	Yes	No		#140
Total Containers:	Temperature Reading:	Yes	No		+0.3°C
	Corrected Temperature:				-2.8°C
					-2.5°C

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
T-9 (0-1')	11/18/2025		X		G	1	BTEX 8021B		None: NO	
T-9 (1.5')	11/18/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O	
T-9 (2')	11/18/2025		X		G	1			Cool: Cool	MeOH: Me
T-9 (3')	11/18/2025		X		G	1			HCL: HC	HNO ₃ : HN
T-9 (4')	11/18/2025		X		G	1			H ₂ SO ₄ : H ₂	NaOH: Na
T-10 (0-1')	11/18/2025		X		G	1			H ₃ PO ₄ : HP	
T-10 (1.5')	11/18/2025		X		G	1			NaHSO ₄ : NABIS	
T-10 (2')	11/18/2025		X		G	1			Na ₂ S ₂ O ₃ : NaSO ₃	
T-10 (3')	11/18/2025		X		G	1			Zn Acetate+NaOH: Zn	
T-10 (4')	11/18/2025		X		G	1			NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/18/2025		



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

November 25, 2025

CONNER MOEHRING
CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND, TX 79701

RE: DEEP ELEM RISER (10.24.25)

Enclosed are the results of analyses for samples received by the laboratory on 11/19/25 9:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder".

Mike Snyder For Celey D. Keene
Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 1 (0-0.5') (H257260-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 71.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 63.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 2 (0-0.5') (H257260-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 85.7 % 52.4-130

Surrogate: 1-Chlorooctadecane 76.8 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 3 (0-0.5') (H257260-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 4 (0-0.5') (H257260-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 5 (0-0.5') (H257260-05)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30		
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 83.0 % 52.4-130

Surrogate: 1-Chlorooctadecane 75.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 6 (0-0.5') (H257260-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.17	109	2.00	1.30	
Toluene*	<0.050	0.050	11/20/2025	ND	2.11	106	2.00	0.834	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.04	102	2.00	1.20	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	6.18	103	6.00	1.25	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 79.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 72.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 7 (0-0.5') (H257260-07)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/20/2025	ND	2.05	102	2.00	4.28		
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91		
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10		
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33		
Total BTEX	<0.300	0.300	11/20/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/20/2025	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92		
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41		
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND						

Surrogate: 1-Chlorooctane 85.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 78.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 8 (0-0.5') (H257260-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 52.4-130

Surrogate: 1-Chlorooctadecane 80.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 9 (0-0.5') (H257260-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 79.3 % 52.4-130

Surrogate: 1-Chlorooctadecane 74.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 11/19/2025
 Reported: 11/25/2025
 Project Name: DEEP ELEM RISER (10.24.25)
 Project Number: 3049
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 11/17/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: H - 10 (0-0.5') (H257260-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 84.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 77.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 11 (0-0.5') (H257260-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 83.2 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	11/19/2025	Sampling Date:	11/17/2025
Reported:	11/25/2025	Sampling Type:	Soil
Project Name:	DEEP ELEM RISER (10.24.25)	Sampling Condition:	Cool & Intact
Project Number:	3049	Sample Received By:	Tamara Oldaker
Project Location:	EOG - EDDY COUNTY, NEW MEXICO		

Sample ID: H - 12 (0-0.5') (H257260-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/20/2025	ND	2.05	102	2.00	4.28	
Toluene*	<0.050	0.050	11/20/2025	ND	2.18	109	2.00	1.91	
Ethylbenzene*	<0.050	0.050	11/20/2025	ND	2.27	113	2.00	3.10	
Total Xylenes*	<0.150	0.150	11/20/2025	ND	7.00	117	6.00	3.33	
Total BTEX	<0.300	0.300	11/20/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/20/2025	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/19/2025	ND	207	104	200	1.92	
DRO >C10-C28*	<10.0	10.0	11/19/2025	ND	195	97.3	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	11/19/2025	ND					

Surrogate: 1-Chlorooctane 88.1 % 52.4-130

Surrogate: 1-Chlorooctadecane 81.3 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No:

1487214

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Deep Elem Riser (10.24.2025)	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code	
Project Number:	3049	Due Date:			
Project Location:	Eddy County, New Mexico				
Sampler's Name:	JR				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
H-1 (0-0.5')	11/17/2025		X		G	1	BTEX 8021B		None: NO	
H-2 (0-0.5')	11/17/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)		DI Water: H ₂ O	
H-3 (0-0.5')	11/17/2025		X		G	1	Chloride 4500		Cool: Cool	
H-4 (0-0.5')	11/17/2025		X		G	1			HCL: HC	
H-5 (0-0.5')	11/17/2025		X		G	1			H ₂ SO ₄ : H ₂	
H-6 (0-0.5')	11/17/2025		X		G	1			H ₃ PO ₄ : HP	
H-7 (0-0.5')	11/17/2025		X		G	1			NaHSO ₄ : NABIS	
H-8 (0-0.5')	11/17/2025		X		G	1			Na ₂ S ₂ O ₃ : NaSC ₃	
H-9 (0-0.5')	11/17/2025		X		G	1			Zn Acetate+NaOH: Zn	
H-10 (0-0.5')	11/17/2025		X		G	1			NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moehring / cmoehring@carmonaresources.com

04034015-020

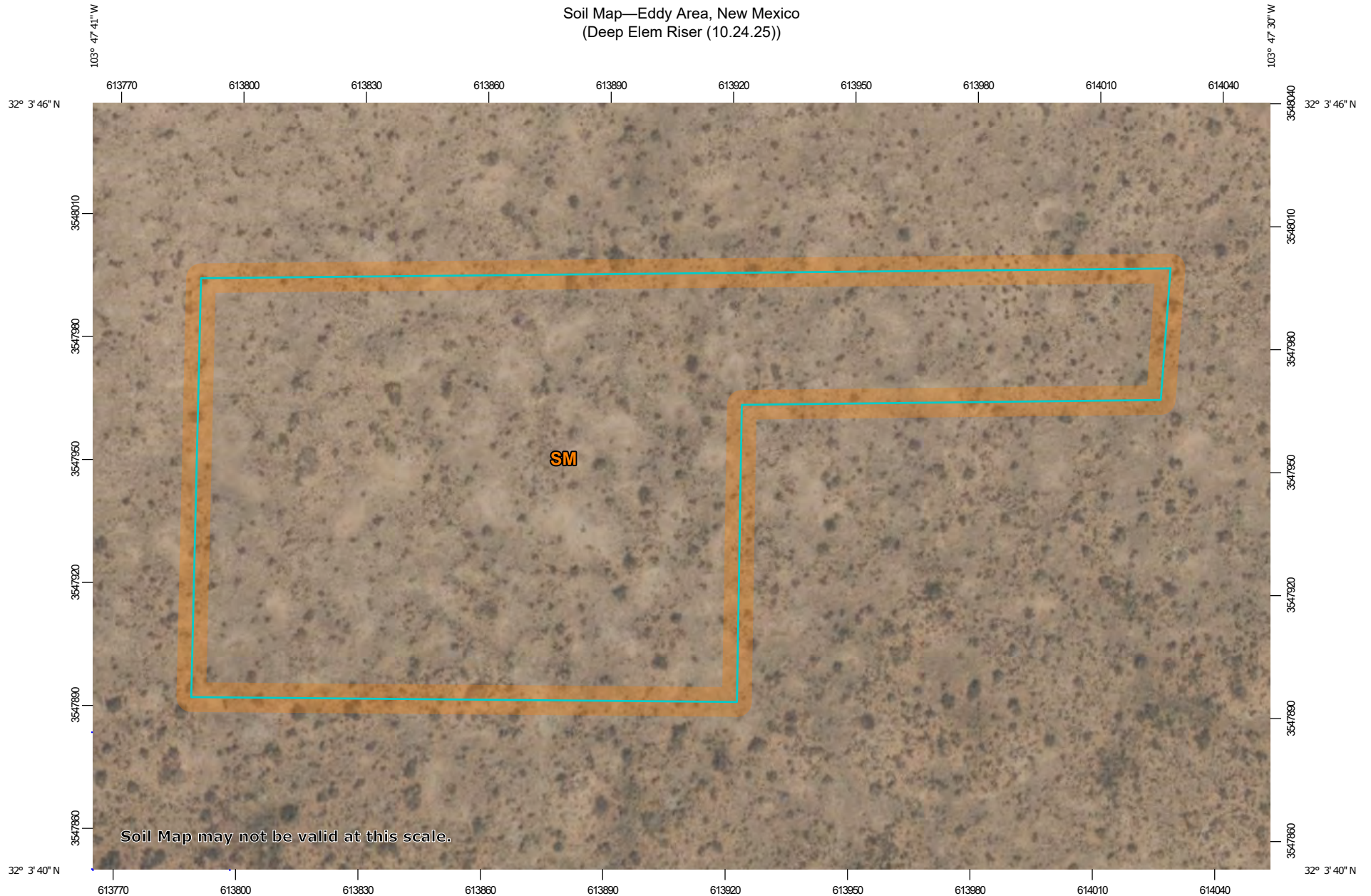
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	11/19/25 09:28		

APPENDIX F

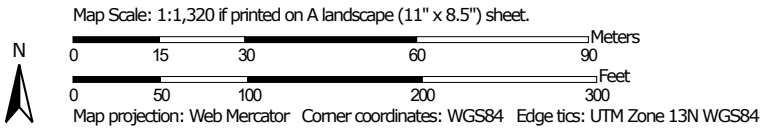
CARMONA RESOURCES



Soil Map—Eddy Area, New Mexico
(Deep Elem Riser (10.24.25))




Soil Map may not be valid at this scale.



Soil Map—Eddy Area, New Mexico
(Deep Elem Riser (10.24.25))

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.
Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
SM	Simona-Bippus complex, 0 to 5 percent slopes	4.3	100.0%
Totals for Area of Interest		4.3	100.0%

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Riser (10.24.25)

Eddy Area, New Mexico

SM—Simona-Bippus complex, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: 1w5x
Elevation: 1,800 to 5,000 feet
Mean annual precipitation: 8 to 24 inches
Mean annual air temperature: 57 to 70 degrees F
Frost-free period: 180 to 230 days
Farmland classification: Not prime farmland

Map Unit Composition

Simona and similar soils: 55 percent
Bippus and similar soils: 30 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Simona

Setting

Landform: Alluvial fans, plains
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium and/or eolian sands

Typical profile

H1 - 0 to 19 inches: gravelly fine sandy loam
H2 - 19 to 23 inches: indurated

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: 7 to 20 inches to petrocalcic
Drainage class: Well drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 15 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Very low (about 2.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Riser (10.24.25)

Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Description of Bippus

Setting

Landform: Alluvial fans, flood plains
Landform position (three-dimensional): Talf, rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Mixed alluvium

Typical profile

H1 - 0 to 37 inches: silty clay loam
H2 - 37 to 60 inches: clay loam

Properties and qualities

Slope: 0 to 5 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Sodium adsorption ratio, maximum: 1.0
Available water supply, 0 to 60 inches: Moderate (about 8.7 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 3e
Hydrologic Soil Group: B
Ecological site: R070BC017NM - Bottomland
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 8 percent
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Bippus

Percent of map unit: 7 percent
Ecological site: R070BC017NM - Bottomland

Map Unit Description: Simona-Bippus complex, 0 to 5 percent slopes---Eddy Area, New Mexico

Deep Elem Riser (10.24.25)

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

BLM SERIAL #:

COMPANY REFERENCE:

3.3 Seed Mixture 2, for Sandy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law (s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (smaller/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Sand dropseed (Sporobolus cryptandrus)	1.0
Sand love grass (Eragrostis trichodes)	1.0
Plains bristlegrass (Setaria macrostachya)	2.0

*Pounds of pure live seed: Pounds of seed x percent purity x percent germination = pounds pure live seed

APPENDIX G

CARMONA RESOURCES





Stephanie Garcia Richard, Commissioner of Public Lands
State of New Mexico

NMSLO Cultural Resources Cover Sheet Exhibit

NMCRIS Activity Number:

(if applicable)

Exhibit Type (select one)

ARMS Inspection/Review - Summarize the results (select one):

- (A) The entire area of potential effect or project area has been previously surveyed to current standards and **no cultural properties** were found within the survey area.
- (B) The entire area of potential effect or project area has been previously surveyed to current standards and **cultural properties were found** within the survey area.
- (C) The entire area of potential effect or project area has **not** been previously surveyed or **has not been surveyed** to current standards. A complete archaeological survey will be conducted and submitted for review.

Archaeological Survey

Findings:

Negative - No further archaeological review is required.

Positive - Have avoidance and protection measures been devised? Select one:

Comments:

Project Details:

NMSLO Lease Number (if available):

Cultural Resources Consultant:

Project Proponent (Applicant):

Project Title/Description:

Project Location:

County(ies):

PLSS/Section/Township/Range):

For NMSLO Agency Use Only:

NMSLO Lease Number:

Acknowledgment-Only:

Lease Analyst:

Date Exhibit Routed to Cultural Resources Office:

No person may alter the wording of the questions or layout of the cover sheet. The completion of this cover sheet by itself does not authorize anyone to engage in new surface disturbing activity before the review and approvals required by the Cultural Properties Protections Rule.

Form Revised 12 22

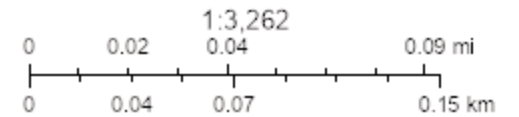
NMCRIS No: 159874



11/6/2025, 10:31:58 AM

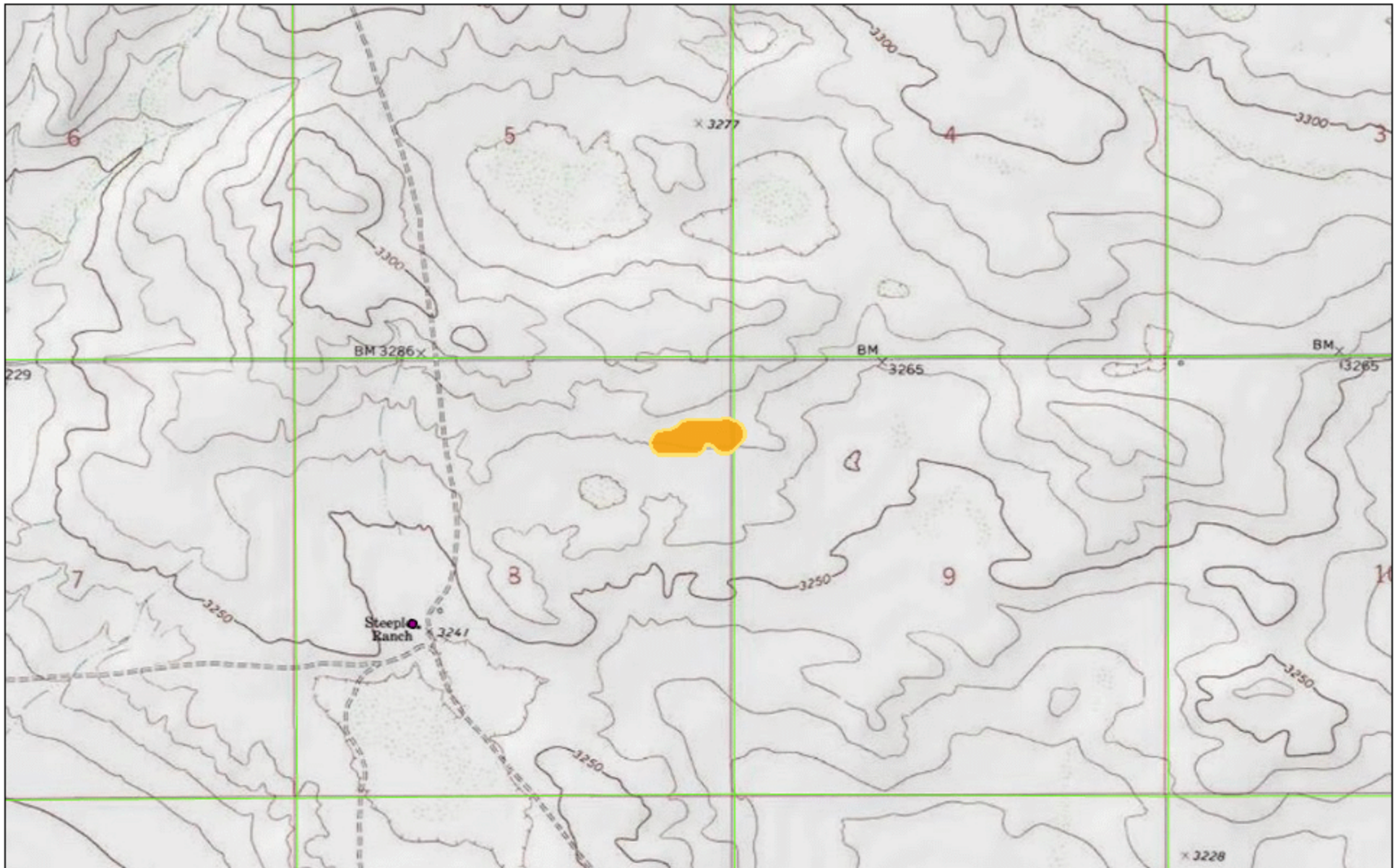
NMCRIS No: 159874

 Proposed



Copyright © 2013 National Geographic Society, I-cubed

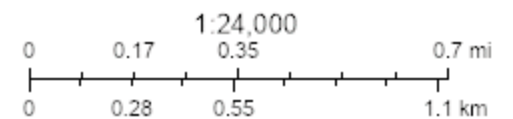
NMCRIS No: 159874



11/6/2025, 10:31:58 AM

NMCRIS No: 159874

 Proposed



Copyright © 2013 National Geographic Society, I-cubed

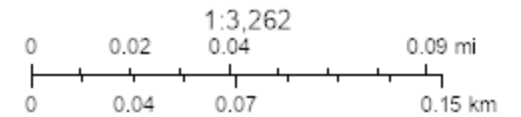
NMCRIS No: 159874



11/6/2025, 10:31:58 AM

NMCRIS No: 159874

 Proposed



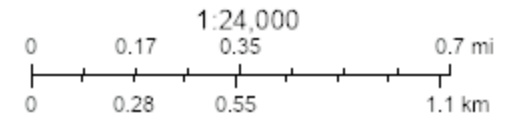
Microsoft, Vantor

NMCRIS No: 159874

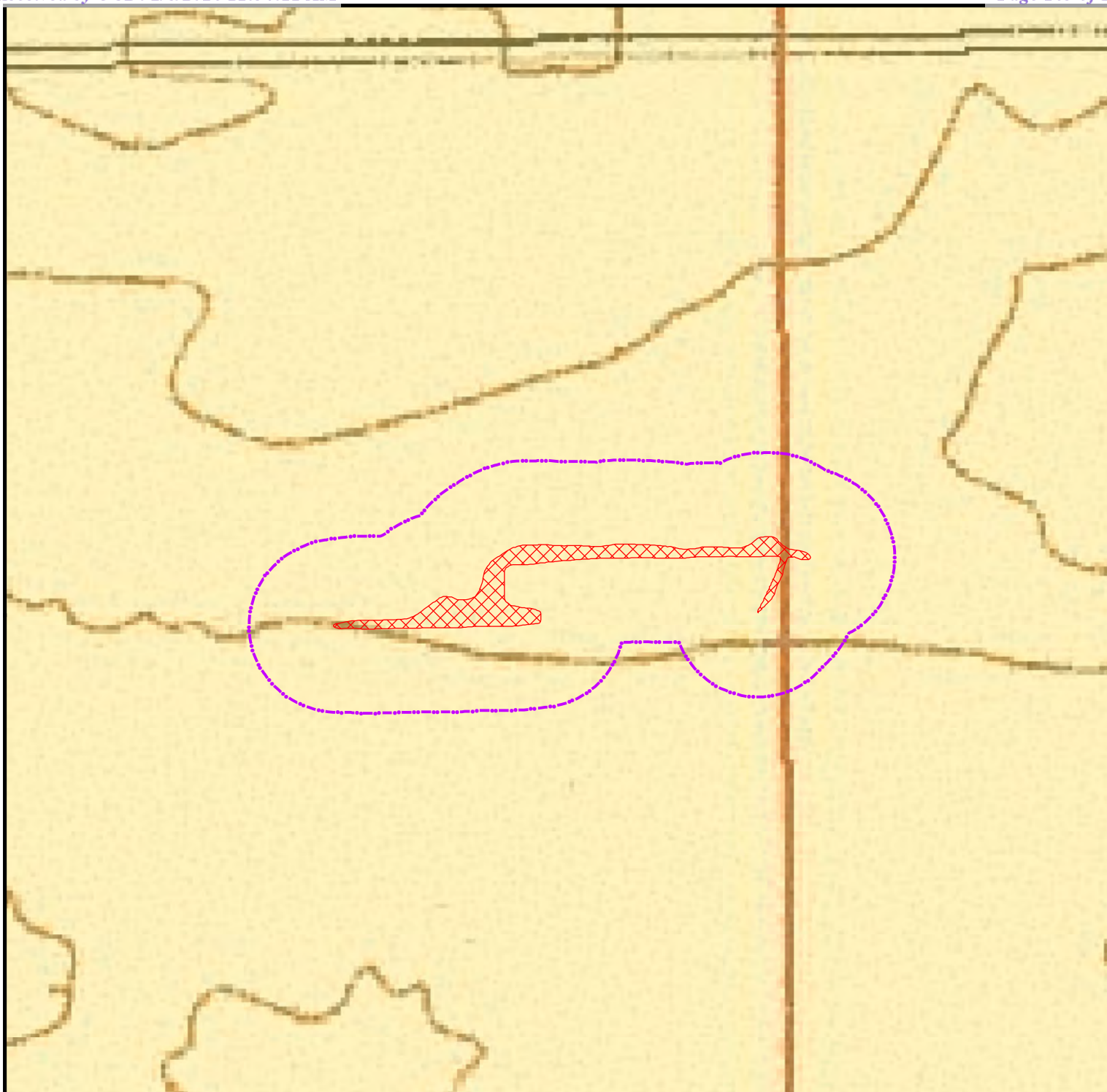


11/6/2025, 10:31:58 AM
NMCRIS No: 159874



 Proposed



Vantor



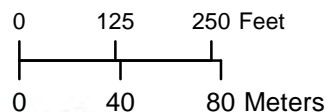
Proposed Remediation

-  Release Area
-  Archaeological Survey Area (9.22 acres)

Surface Ownership

-  Bureau of Land Management

Map Source: U.S. Bureau of Land Management - New Mexico State Office - GIS Data Download; USGS, Phantom Banks, New Mexico Quadrangle.

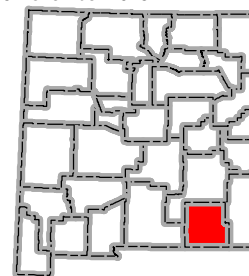


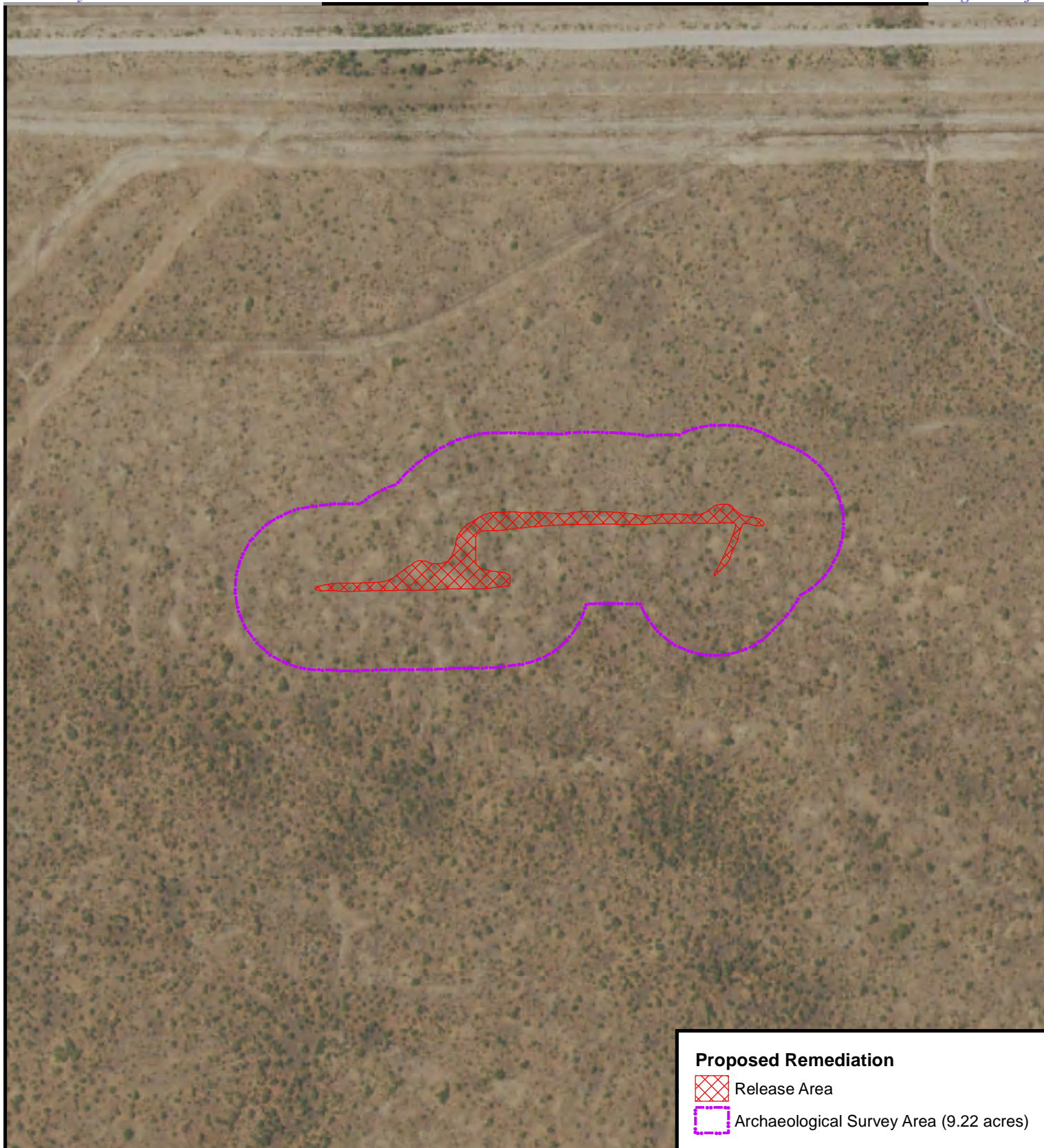
AB

Figure 1
USGS Topographic Map
Eddy County, New Mexico



Deep Elem Riser
Township 26S; Range 31E; Sections 8 and 9

Date: 6 November 2025





Proposed Remediation

-  Release Area
-  Archaeological Survey Area (9.22 acres)

Map Source: USDA, NAIP Natural Color Imagery of New Mexico, 2020.

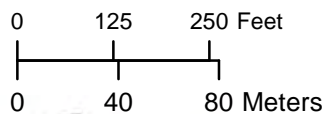


Figure 2
Aerial Orthoimagery
Eddy County, New Mexico

Deep Elem Riser
Township 26S; Range 31E; Sections 8 and 9

Date: 6 November 2025

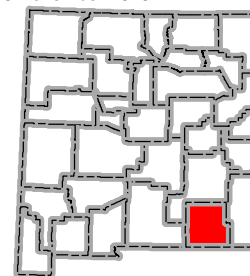




Photo #: 1	Date: 28 October 2025	
Area Overview of the Deep Elem Riser Release		

Photo #: 2	Date: 28 October 2025	
Ground Surface Visibility of the Proposed Deep Elem Riser Release, Approximately 51 to 75 Percent		





Photo #: 3	Date: 28 October 2025	
Deep Elem Riser Release Area		

Photo #: 4	Date: 28 October 2025	
Deep Elem Riser Release Area		





**KARST SURVEY OF THE PROPOSED
EDDY COUNTY DEVELOPMENT PROJECT
SECTIONS 9, 10, 11, 12, 16, 25, 36; TOWNSHIP 26S; RANGE 30E
SECTIONS 7, 8, 9, 10, 16, 17, 20, 29, 30, 31, 32; TOWNSHIP 26S; RANGE 31E
EDDY COUNTY, NEW MEXICO**

Report Prepared for:

Bureau of Land Management
Carlsbad Field Office
620 E. Greene Street
Carlsbad, New Mexico 88220

On Behalf Of:

EOG Resources, Inc.
5509 Champions Drive
Midland, Texas 79706

Report Prepared by:

Goshawk Environmental Consulting, Inc.
P.O. Box 151525
Austin, Texas 78715

March 2018





TABLE OF CONTENTS

1.0 BACKGROUND 1

2.0 METHODOLOGY 1

 2.1 RESOURCE REVIEW 2

 2.2 FIELD INVESTIGATION 3

3.0 CONCLUSIONS AND RECOMMENDATIONS..... 4

APPENDICES

- A FIGURES**
- B PHOTOGRAPHS**





1.0 BACKGROUND

EOG Resources Inc. (EOG) submitted a SF-299 (Application for Transportation and Utility Systems on Public Lands) to the Bureau of Land Management (BLM), Carlsbad Field Office (CFO) requesting permission to construct, operate, maintain, and terminate a 24-inch Produced Water Line [91,297 feet (17.29 miles)]; a 20-inch Gas Sales Line [91,922 feet (17.41 miles)]; an overhead electric (OHE) line [35,760 feet (6.77 miles)]; the Death Star Compressor (8.6 acres); and the Ross Draw Compressor (7.54 acres) under a right-of-way (ROW) authorization. All components of the ROW application (Proposed Action) are necessary to further develop federal mineral leases.

The Proposed Action is located in gypsum karst terrain, a landform characterized by underground drainage through solutionally enlarged conduits. Gypsum karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region.

The BLM categorizes all areas within the CFO as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to fresh water aquifers. The majority of the Proposed Action occurs within a high potential karst zone, however, a small portion in the northwest corner of the project is within a medium karst zone (Figure 1, Appendix A).

A high potential karst zone is defined an area in known soluble rock types and containing a high frequency of significant caves and karst features such as sinkholes, bedrock fractures that provide rapid recharge of karst aquifers, and springs that provide riparian habitat.

A medium karst zone is defined as areas in known soluble rock types that exist at surface level or within 300 feet of the surface, but may have a shallow, insoluble overburden or soils that mask surface features. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff.

Sinkholes and cave entrances collect water and can accumulate rich, organic materials and soils. The stable microclimate near cave entrances, supports a greater diversity and density of plant life, which provides habitat for a greater diversity and density of wildlife. The interior of the caves supports a large variety of troglobitic, or cave environment-dependent species. The troglobitic species have adapted specifically to the cave environment due to constant temperatures, constant high humidity, and total darkness.

2.0 METHODOLOGY

At the request of the BLM CFO Cave/Karst Specialist, Goshawk Environmental Consulting, Inc. (Goshawk) conducted a karst survey of the Proposed Action which included a resource review, field investigation, and report of findings. The resource review was performed prior to the field investigation to gather site specific information and evaluate the potential for karst features within the Proposed Action. The field investigation includes an extensive search for karst features paying





special attention to areas identified as having higher potential based on the resource review. Additionally, former land use practices and modifications are evaluated during the field investigation.

The karst survey was performed in accordance with the BLM-CFO Karst Survey Requirements dated 31 October 2017. A 200-meter buffer was placed around the entire Proposed Action utilizing GIS software. Areas adjacent to the Proposed Action that exhibit significant development including pipelines, roads, well pads, and other oil/gas development were removed from the buffer (Photo 1, Appendix B). The resultant karst survey area totaled 2,353 acres. The karst survey area was walked systematically, attempting to maintain survey transects 50 meters apart. Maintaining transects on 50-meter centers was not always possible due to vegetation and other surface restrictions; however, transects were never more than 100 feet apart. Goshawk utilized a hand-held Garmin eTrex 20 GPS to record possible karst features located during the field investigation. Utilizing the tracking feature of the GPS, Goshawk documented each karst surveyors' tracks. Digital photographs of karst features were also taken during the field investigation.

2.1 RESOURCE REVIEW

The resource review included inspection of the 7.5 minute US Geological Survey (USGS) Phantom Banks and Ross Ranch, New Mexico topographic quadrangles, Geologic Map of New Mexico, and recent aerial orthoimagery.

2.1.1 USGS Topographic Map

The USGS topographic quadrangles (Figure 2, Appendix A) indicate the Proposed Action and karst survey area is on gently to moderately sloping terrain. Mapped elevations range between 3,030 above mean sea level (AMSL) near the western terminus to 3,060 feet AMSL at the southern terminus. The central portion of the Proposed Action near the Ross Draw Compressor is at elevation 3,280 feet AMSL. Generally, lower elevations are in the west and south with higher elevations in the northeast. Phantom Banks, hills 100 to 150 feet high, are mapped along the north-south portion of the Proposed Action just north of the southern terminus. The southeast portion of Phantom Banks crosses the karst survey area. Drainage within the karst survey area is provided by overland sheet flow, swales, and several well-defined streams (dot-dash blue lines) which drain mostly from northeast to southwest. Tucker Draw is the only named watershed and it crosses the western portion of the Proposed Action in two locations. The Proposed Action is within the Pecos River Watershed. The nearest direct line point to the Pecos River (Red Bluff Reservoir) is approximately 6 miles southwest.

The topographic map indicates the Proposed Action is almost entirely within grasslands (white background). Two narrow shrubland (green stipple pattern) corridors are associated with the southwestern crossing of Tucker Draw and one of the mapped unnamed tributaries north of Tucker Draw.

The topographic map does not have any evidence to suggest karst features within the Proposed Action or Karst Survey Buffer.





2.1.2 Geologic Map of New Mexico

The Geologic Map (Figure 3, Appendix A) indicates approximately half the Proposed Action is underlain by Eolian Deposits and Piedmont Alluvial Deposits (Qe/Qp) and half underlain by Older Alluvial Deposits (Qoa). Eolian and Piedmont Alluvial deposits are associated with higher gradient tributaries bordering major stream valleys, alluvium from piedmont slopes, and alluvial fans. Older Alluvial Deposits were formed on upland plains and piedmont areas of the High Plains. These areas include scattered lacustrine, playa, and alluvial sediments. The geology of the area is not uncommon to exhibit karst features; however, the geologic map did not indicate specific evidence karst features may exist within the Proposed Action or karst survey area.

2.1.3 Aerial Orthoimagery

The aerial orthoimagery suggests the Proposed Action and karst survey area contain more shrubs/shrubland community (Figure 4, Appendix A) than indicated by the topographic map. However, some grass dominated communities exist. There is a greater vegetative structure and density primarily of shrubs along Tucker Draw and the other mapped tributaries. Improvements evident in the area include unimproved roads, fence lines, and earthen water storage tanks. Additionally, significant oil/gas development (pads, pipelines, and water pits) is visible throughout the area with a greater density in the western portion of the Proposed Action.

2.2 FIELD INVESTIGATION

Goshawk conducted the field investigations on April 11, 2017; June 12, 2017; and February 12, 13, 14, and 15, 2018. The 2017 field investigations were conducted by Zane Homesley (Goshawk ecologist) on-foot and utilizing a ATV and covered the entire Proposed Action area not including the karst survey area. The 2018 field investigations were conducted by Zane Homesley, Jim Kennedy (Goshawk ecologist/karst specialist), Bear Aspra (Goshawk ecologist), and Ellie Thoene (karst/cave surveyor). During the 2018 field investigations, the 2,353-acre karst survey area was traversed on-foot paying particular attention to the drainage areas and playas within the Proposed Action (Figures 5-9, Appendix A). The 2018 investigations followed the BLM-CFO Karst Survey Requirements.

The site can generally be described as unimproved rangeland dominated by shrubs interspersed with some grasses and forbs (Photos 2 and 3, Appendix B). The undulating area is gently sloping and drains primarily by overland sheet flow, swales, several well-defined streams and Tucker Draw generally toward the southwest. Several of the mapped watersheds exhibit a well-defined bed-and-bank condition (Photo 4, Appendix B) while others are poorly defined. Several playas are located within close proximity of the Proposed Action and two are within the karst survey area (Figure 7, Appendix A). Past land uses appear to be intensive livestock grazing; however, recent oil/gas activity has become increasingly common. Roads, pipelines, and well pads are common development crossing and within the immediate vicinity of the Proposed Action.

Vegetative coverage over much of the karst survey area is approximately 50% or less which allows good visibility of the ground surface. The majority of the karst survey area was covered with native soils of undetermined depth. Very few areas of exposed limestone were noted along the alignment. The Phantom Banks escarpment exhibits a higher concentration of exposed limestone and some possible bedrock exposure (Photo 5, Appendix B). No evidence of typical karst remnants such as





broken gypsum or selenite which would indicate the possible presence of karst were found within the existing roads, well pads, or pipelines near the Proposed Action.

A closed depression or animal burrow was identified in the northeast portion of the karst survey area south of the Proposed Action (Figure 10, Appendix A). The circular feature measures approximately 24 inches diameter and is filled with native soils and larger cobbles (Photos 6 and 7, Appendix B). The subsurface opening is somewhat triangular in shape. The feature is located approximately 500 feet south of the southernmost proposed pipeline within the Proposed Action [X=615686, Y=3547815 (UTM Zone 13S, 1983)]. Topographically, this feature is on a side slope facing away from the Proposed Action. A visual assessment of topography suggests surface water runoff from the Proposed Action in this area would likely flow north away from this feature (Photo 8, Appendix B). The feature would not likely collect any water or other sheet flow from the Proposed Action. Close inspection of the feature did not reveal any additional opening below approximately 12 inches and no air flow was felt from the opening (Photo 9, Appendix B). No other potential karst features were located in the immediate vicinity of this feature. Additionally, no other karst features were observed within the remaining karst survey area during the field investigation; however, unknown features may still exist.

3.0 CONCLUSIONS AND RECOMMENDATIONS

The closed depression or animal burrow identified within the karst survey area is located approximately 500 feet from the Proposed Action. The feature is filled with native soils and cobbles which may suggest it is not connected to ground water or other subsurface voids. The feature is on terrain that slopes toward the south and has a relatively small drainage area. Any flow toward the features would be overland sheet flow from the undeveloped rangeland to the north.

Goshawk recommends that construction be allowed to proceed as planned. However, typical Conditions of Approval for the Application for Permit to Drill within karst zones should be implemented for the Proposed Activity.

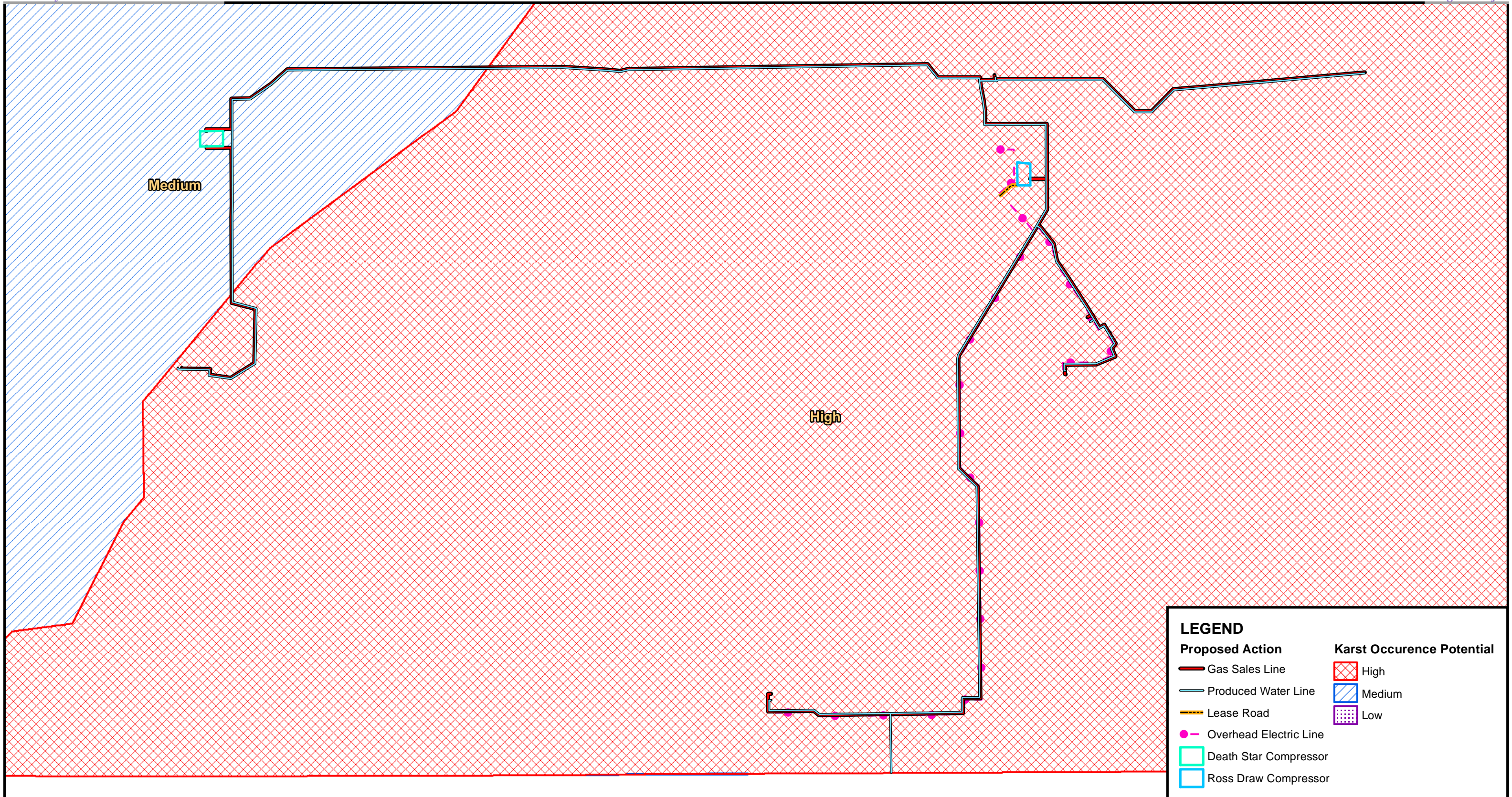




APPENDIX A

FIGURES





LEGEND

Proposed Action	Karst Occurrence Potential
Gas Sales Line	High
Produced Water Line	Medium
Lease Road	Low
Overhead Electric Line	
Death Star Compressor	
Ross Draw Compressor	

Map Source: US Bureau of Land Management - New Mexico State Office - GIS Data Download.

Date: 27 February 2018

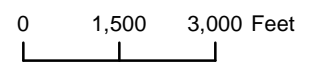
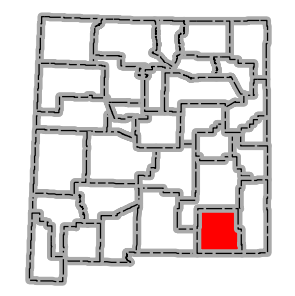
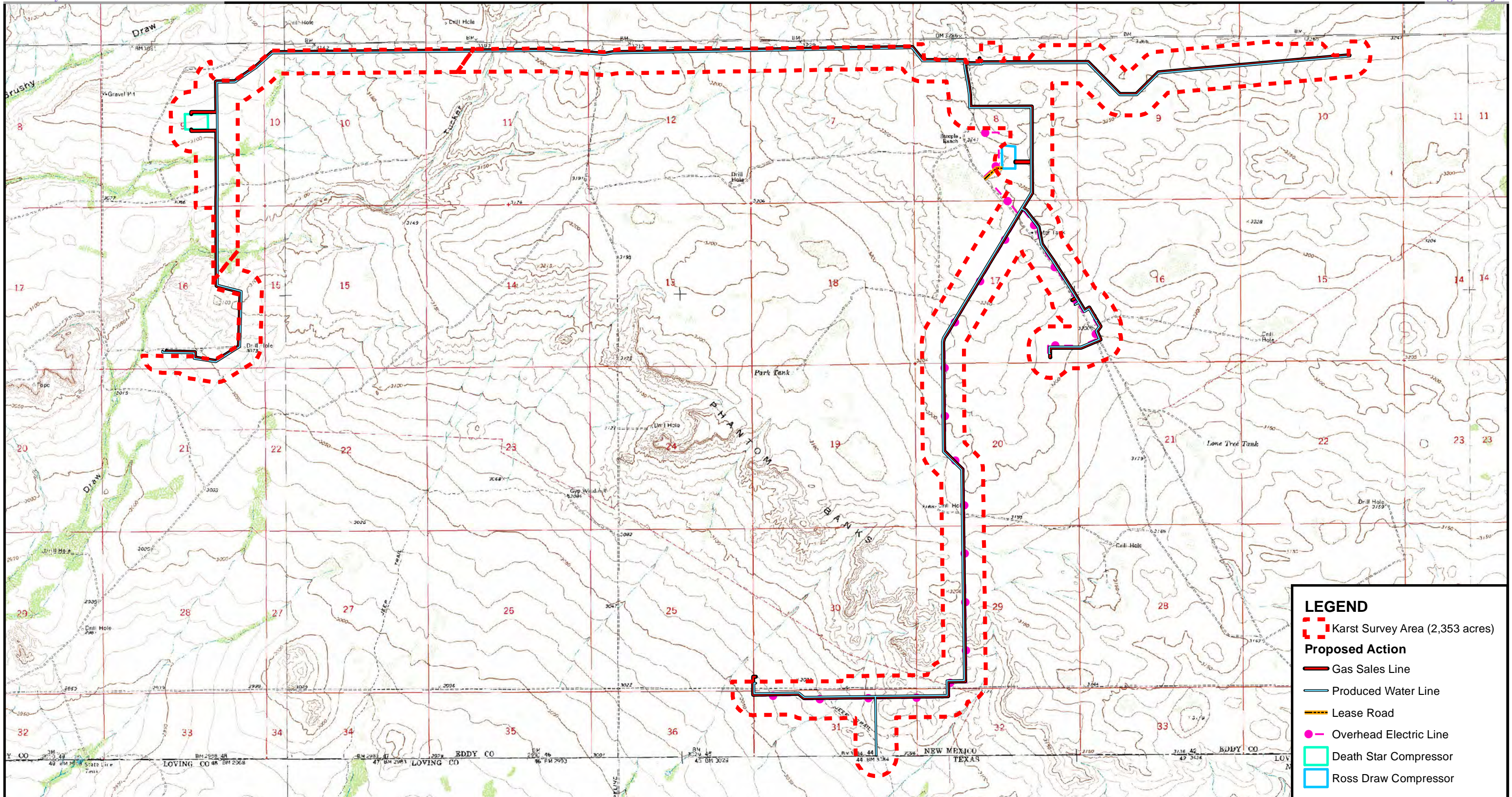


Figure 1
 Karst Occurrence Potential Map
 Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 30
 T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20,
 29, 30, 31, 32, 36





LEGEND

- Karst Survey Area (2,353 acres)
- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor

Map Source: USGS, Phantom Banks and Ross Ranch, New Mexico Quadrangles.

Date: 6 March 2018

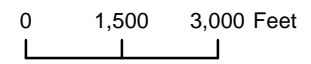
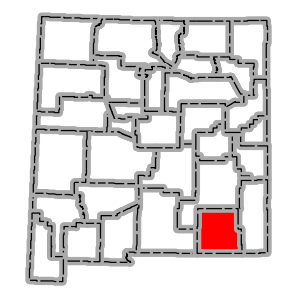
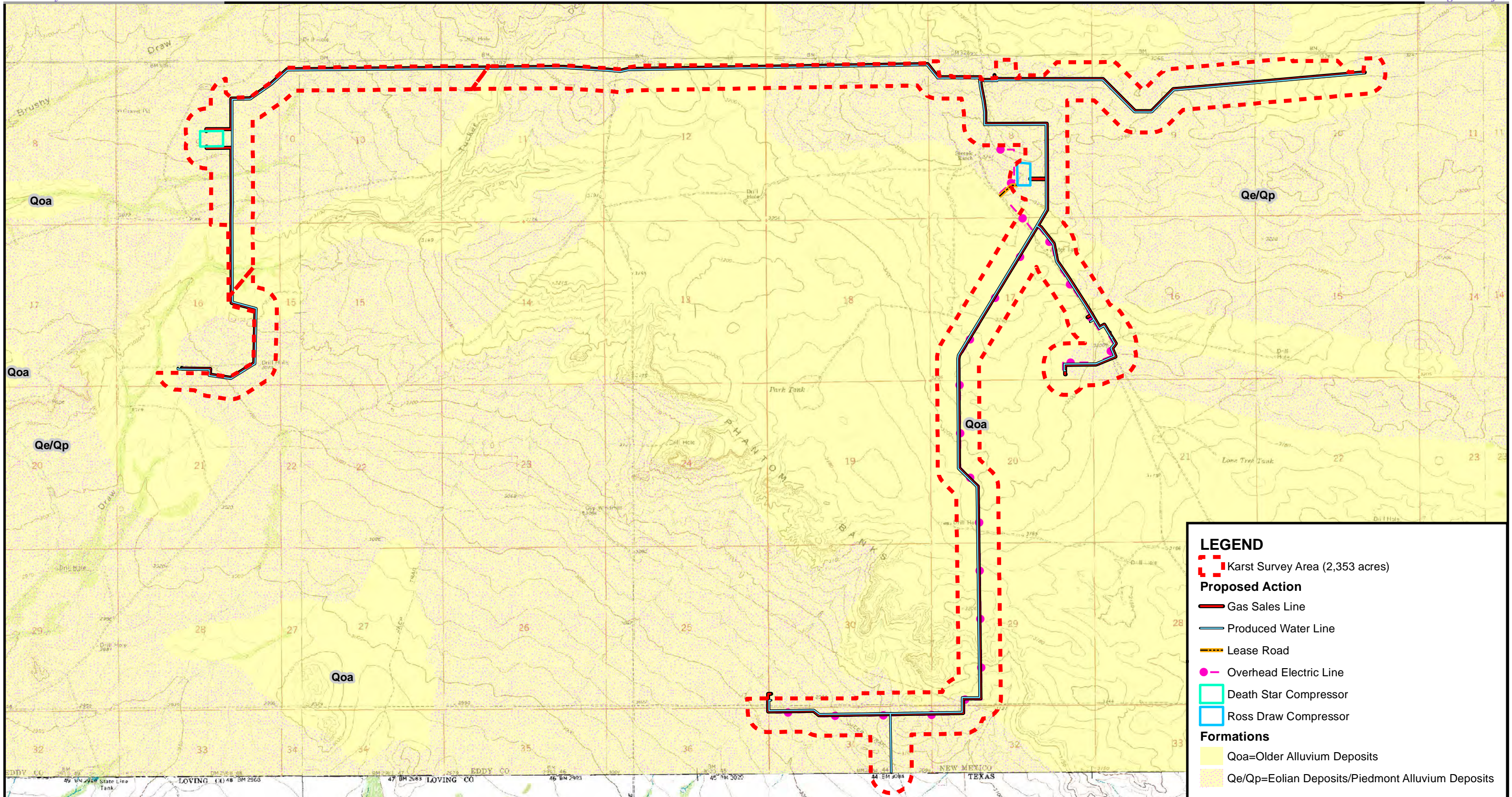


Figure 2
USGS Topographic Map
Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20,
29, 30, 31, 32, 36





LEGEND

- Karst Survey Area (2,353 acres)
- Proposed Action**
- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor
- Formations**
- Qoa=Older Alluvium Deposits
- Qe/Qp=Eolian Deposits/Piedmont Alluvium Deposits

Map Source: New Mexico Bureau of Geology and Mineral Resources, 2003.
 Geologic Map of New Mexico, 1:500,000

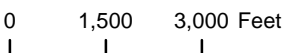
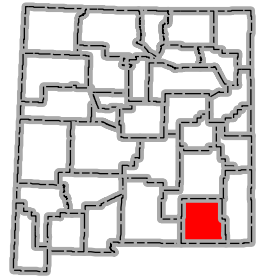


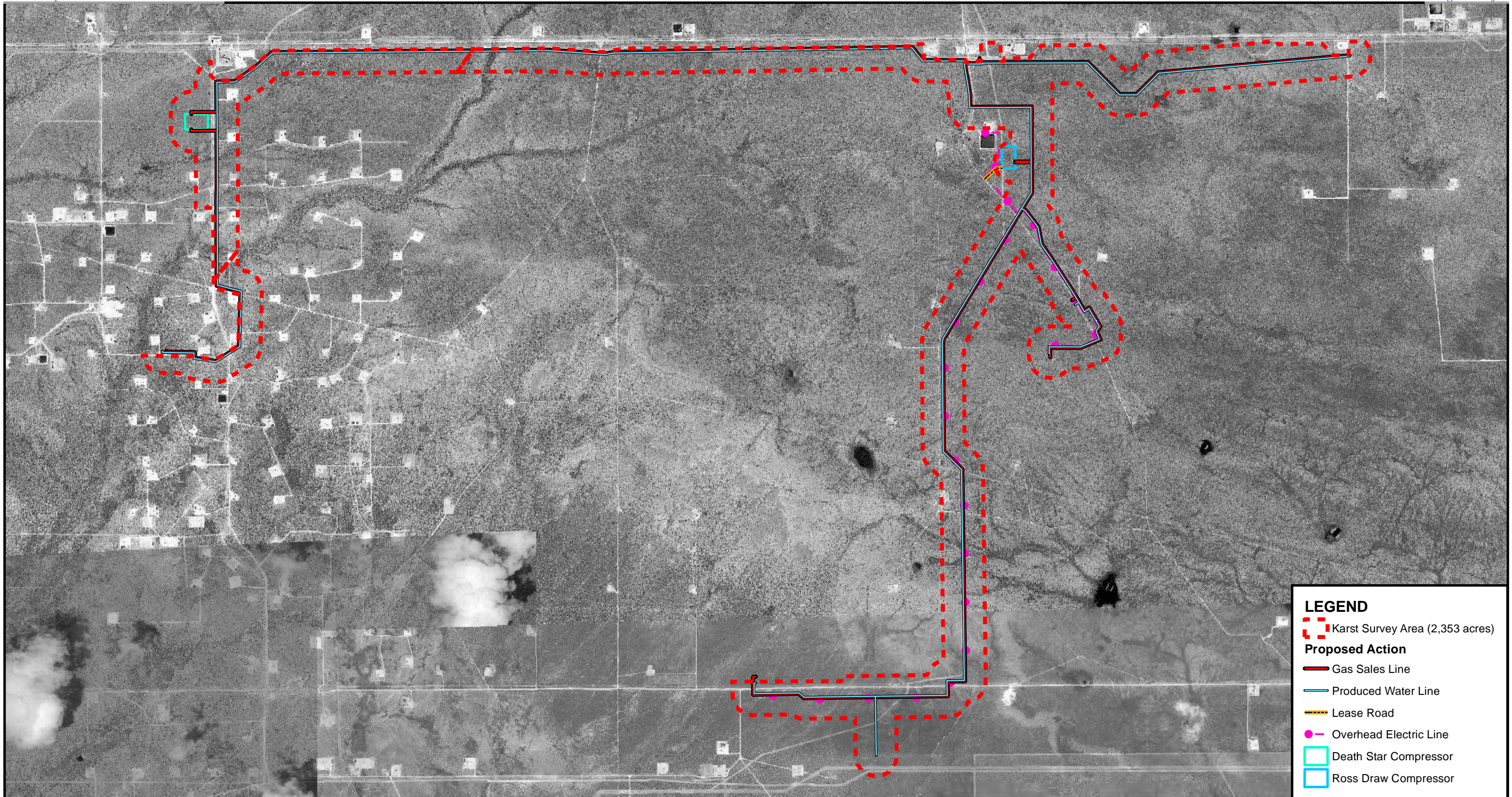
Figure 3
 Geologic Map
 Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
 T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20,
 29, 30, 31, 32, 36

Date: 6 March 2018





LEGEND

- Karst Survey Area (2,353 acres)
- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor

Map Source: EOG's Spatial on Demand. Global:Imagery:DigitalGlobe Most Recent.

Date: 6 March 2018

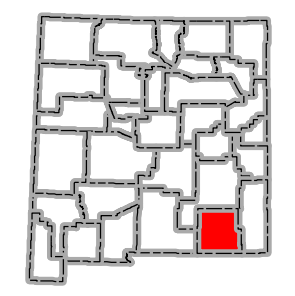


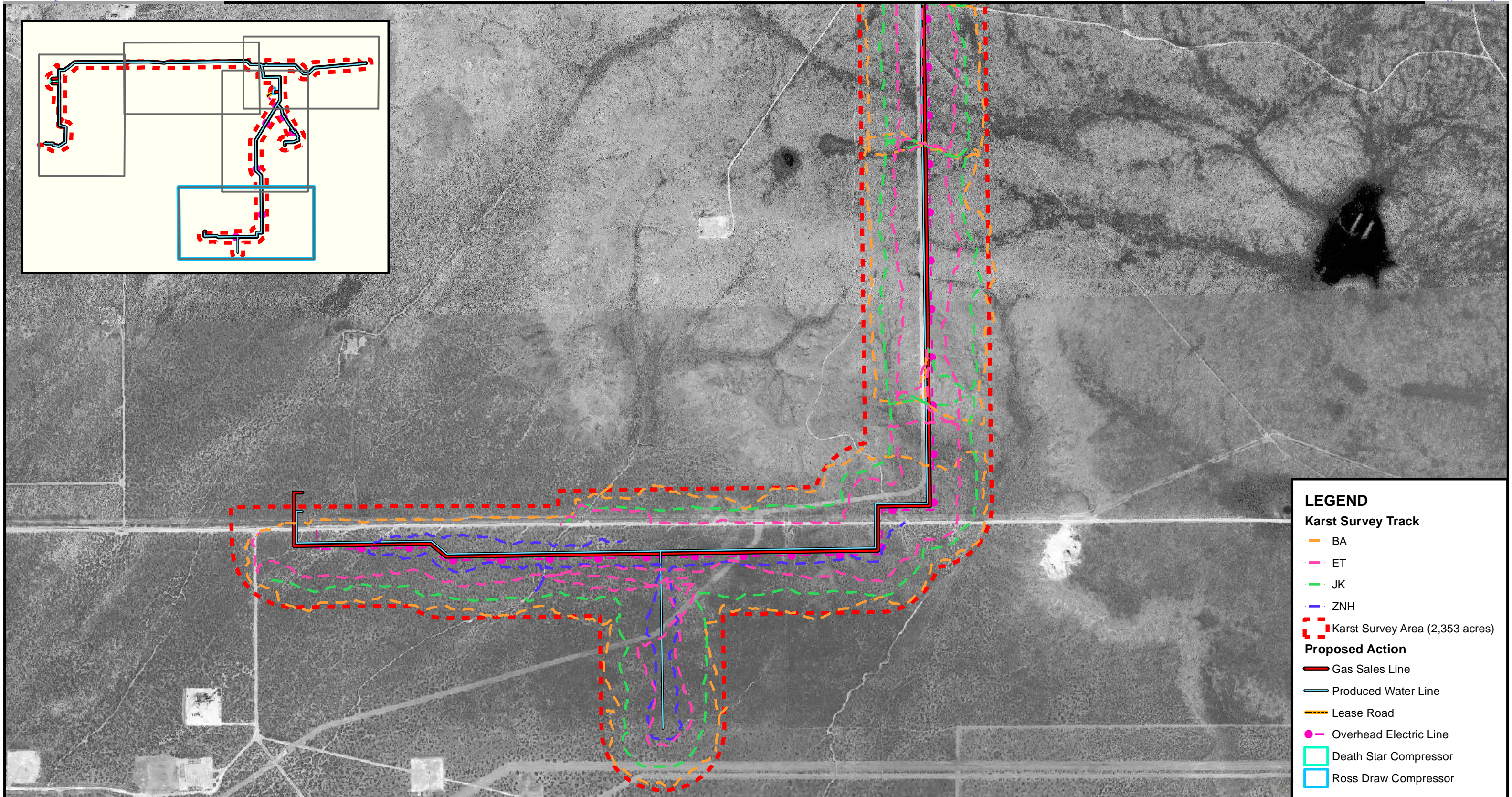
0 1,500 3,000 Feet

Figure 4
Aerial Orthoimagery
Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20,
29, 30, 31, 32, 36





LEGEND

Karst Survey Track

- BA
- ET
- JK
- ZNH

Karst Survey Area (2,353 acres)

Proposed Action

- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor

Map Source: EOG's Spatial on Demand. Global:Imagery:DigitalGlobe Most Recent.

Date: 11 March 2018

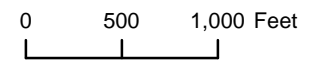
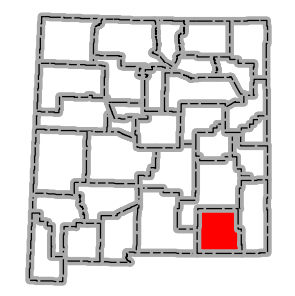
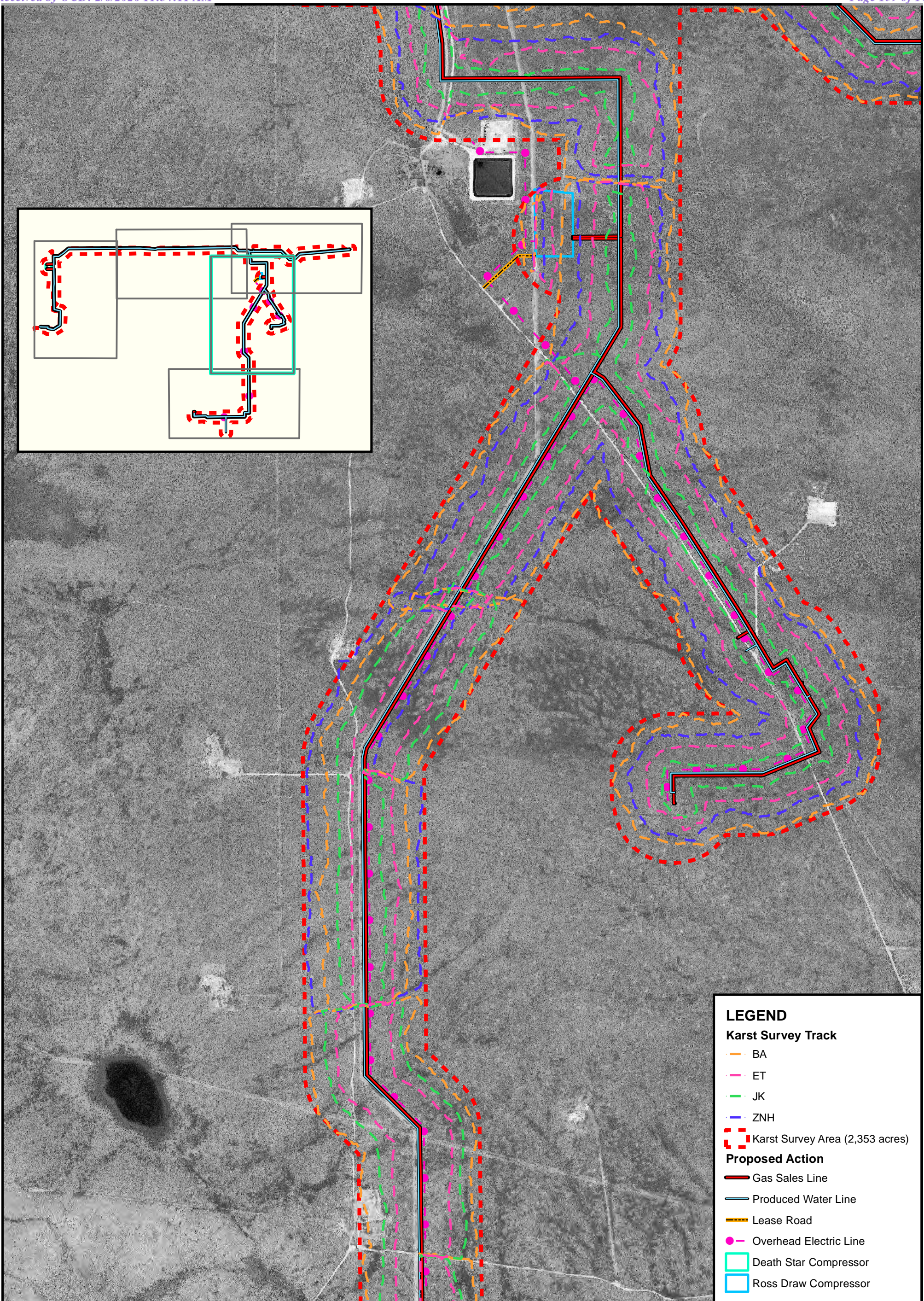


Figure 5
Aerial Orthoimagery
Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20,
29, 30, 31, 32, 36





LEGEND

Karst Survey Track

- BA
- ET
- JK
- ZNH

Karst Survey Area (2,353 acres)

Proposed Action

- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor

Map Source: EOG's Spatial on Demand. Global:Imagery:DigitalGlobe Most Recent.

0 500 1,000 Feet

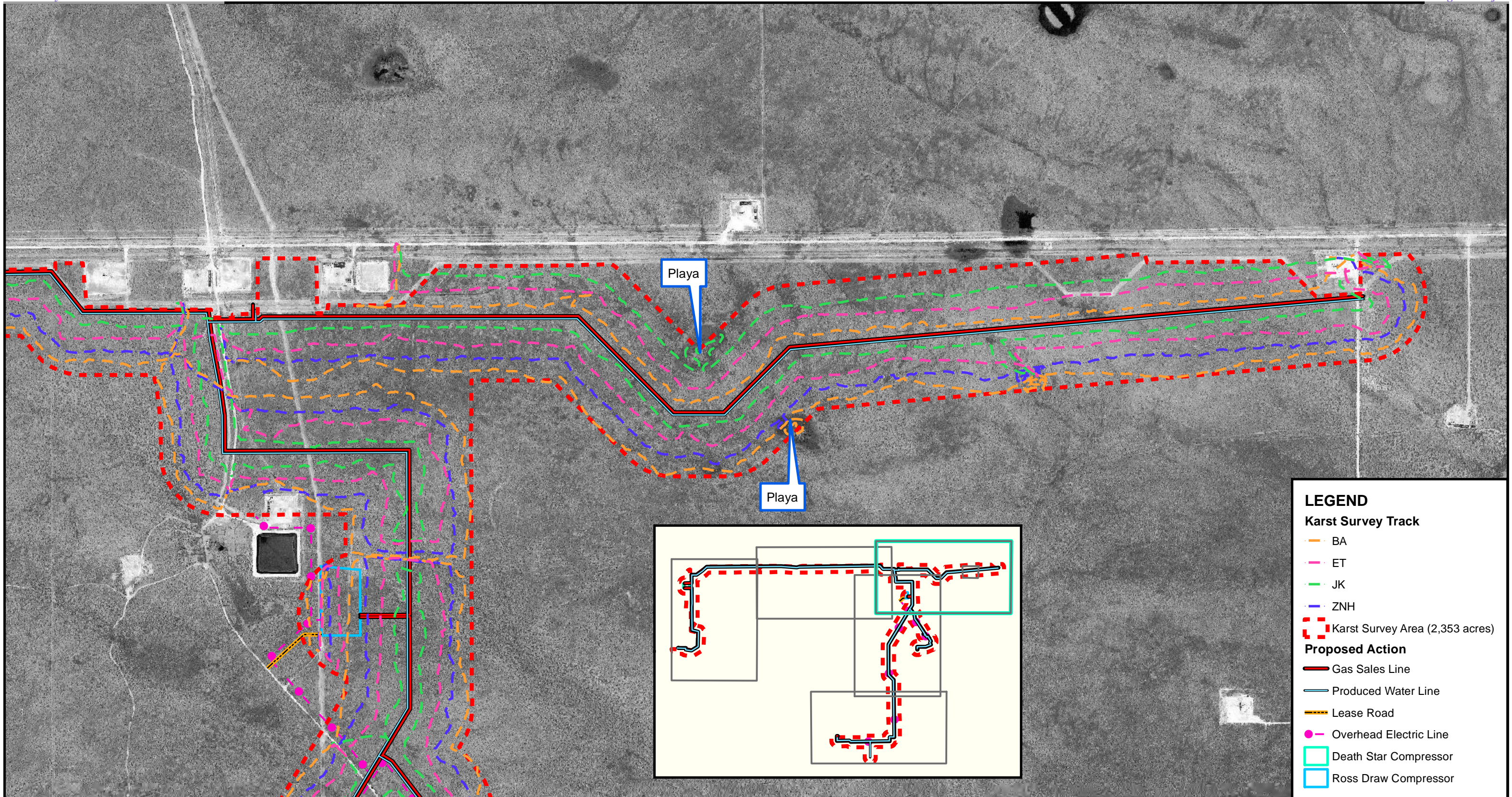
Figure 6
Aerial Orthoimagery
Eddy County, New Mexico

Eddy County 20" Gas Sale Line	T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
Eddy County 24" Produced Water Line	T26S; R31E; Sections 7, 8, 9, 10, 16
Eddy County Overhead Electric Line	T26S; R31E; Sections 7, 8, 9, 10, 16
Death Star Compressor	
Ross Draw Compressor	

Date: 11 March 2018

N

GOSHAWK
ENVIRONMENTAL CONSULTING, INC.



LEGEND

Karst Survey Track

- BA
- ET
- JK
- ZNH

Karst Survey Area (2,353 acres)

Proposed Action

- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor

Map Source: EOG's Spatial on Demand. Global:Imagery:DigitalGlobe Most Recent.

Date: 15 March 2018

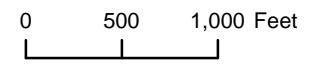
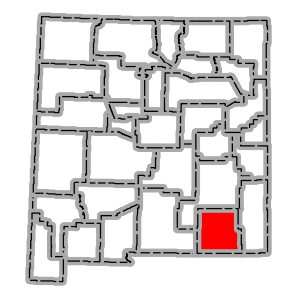
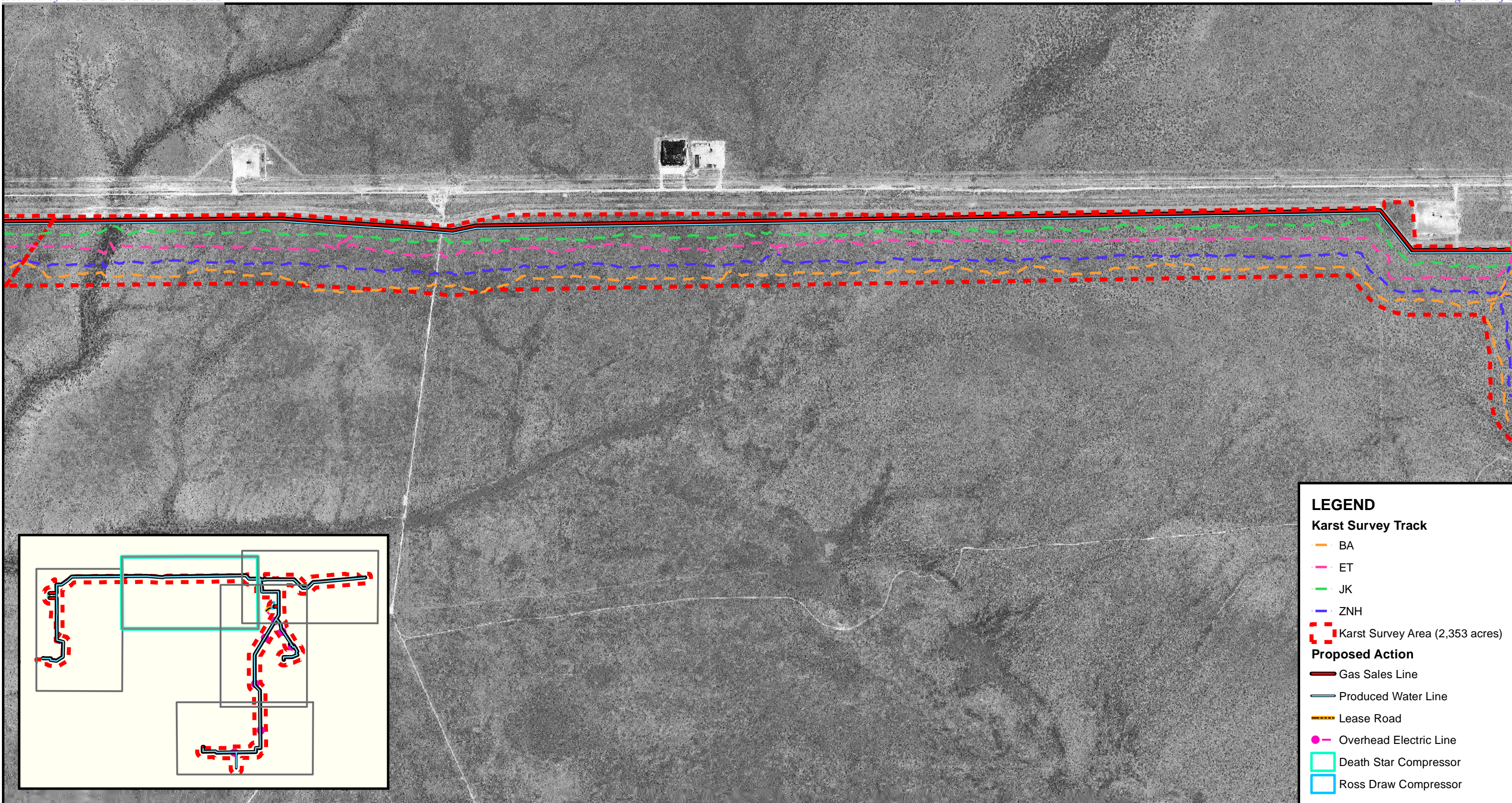


Figure 7
Aerial Orthoimagery
Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20,
29, 30, 31, 32, 36





LEGEND

Karst Survey Track

- BA
- ET
- JK
- ZNH

Karst Survey Area (2,353 acres)

Proposed Action

- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor

Map Source: EOG's Spatial on Demand. Global:Imagery:DigitalGlobe Most Recent.

Date: 11 March 2018

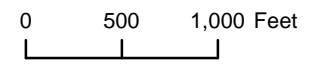
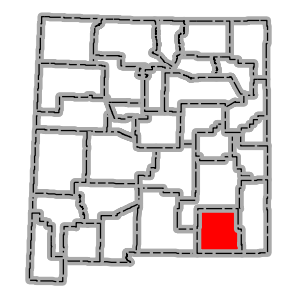
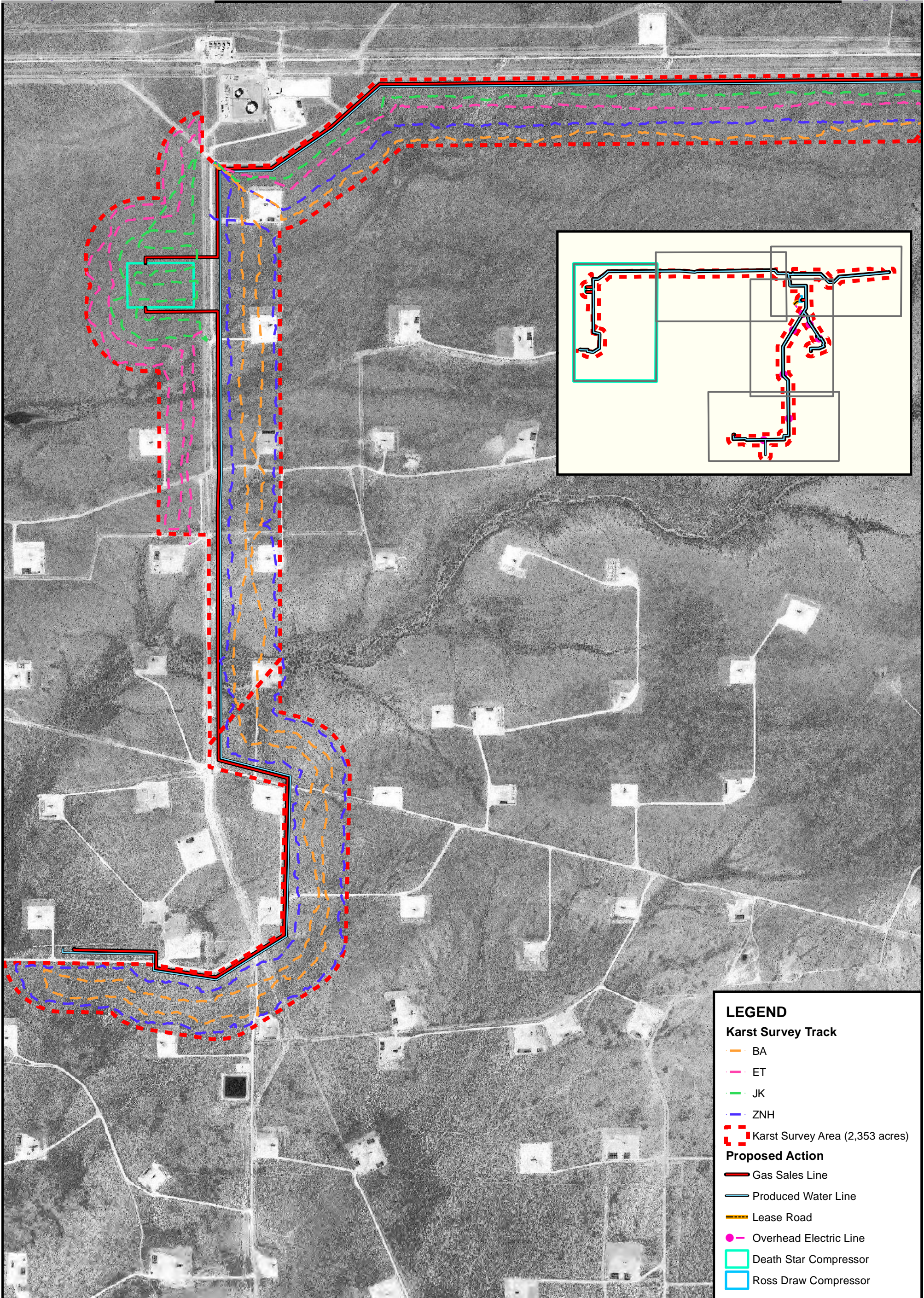


Figure 8
Aerial Orthoimagery
Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
 T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20,
 29, 30, 31, 32, 36





LEGEND

Karst Survey Track

- BA
- ET
- JK
- ZNH

Karst Survey Area (2,353 acres)

Proposed Action

- Gas Sales Line
- Produced Water Line
- Lease Road
- Overhead Electric Line
- Death Star Compressor
- Ross Draw Compressor

Map Source: EOG's Spatial on Demand. Global:Imagery:DigitalGlobe Most Recent.

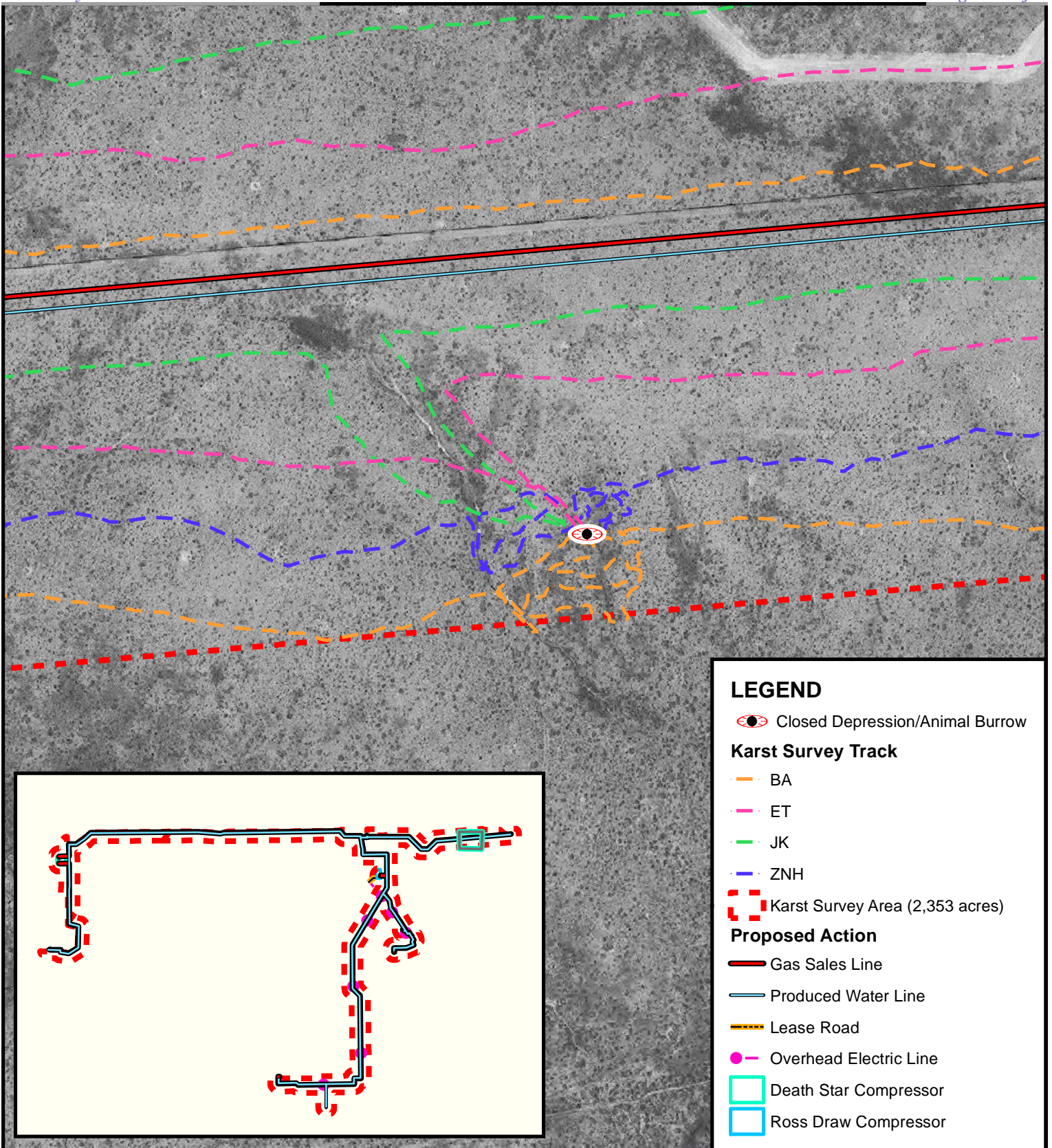
0 500 1,000 Feet

Figure 9
Aerial Orthoimagery
Eddy County, New Mexico

Eddy County 20" Gas Sale Line	T26S; R30E; Sections 9, 10, 11, 12, 16, 25, 36
Eddy County 24" Produced Water Line	T26S; R31E; Sections 7, 8, 9, 10, 16, 17, 20, 29, 30, 31, 32, 36
Eddy County Overhead Electric Line	
Death Star Compressor	
Ross Draw Compressor	

Date: 11 March 2018

N



Map Source: EOG's Spatial on Demand.
Global: Imagery: DigitalGlobe Most Recent.

0 125 250 Feet

Figure 10
Karst Feature Map
Eddy County, New Mexico

Eddy County 20" Gas Sale Line
Eddy County 24" Produced Water Line
Eddy County Overhead Electric Line
Death Star Compressor
Ross Draw Compressor

Date: 15 March 2018



APPENDIX B
PHOTOGRAPHS



Representative Photographs
Eddy County Trunkline Project, Eddy County, New Mexico



Photo 1 Existing pipeline right-of-ways adjacent to the Proposed Action, facing west.



Photo 2 Typical rangeland vegetation dominated by shrubs interspersed with grasses in the northwest portion of the Proposed Action





Representative Photographs
Eddy County Trunkline Project, Eddy County, New Mexico



Photo 3 Typical rangeland vegetation within Proposed Action, dominated by shrubs interspersed with grasses



Photo 4 Well defined bed-and-bank condition within one of the mapped watersheds





Representative Photographs
Eddy County Trunkline Project, Eddy County, New Mexico



Photo 5 View at Phantom Banks with exposed caliche on ground surface; recent pipeline ROW with exposed caliche fill, facing south



Photo 6 Circular depression with triangular-shaped opening south of Proposed Action, facing east





Representative Photographs
Eddy County Trunkline Project, Eddy County, New Mexico



Photo 7 Closed depression/animal burrow filled with native soils and cobbles



Photo 8 Rangeland and topography near closed depression/animal burrow, sloping away from Proposed Action, facing east





Representative Photographs
Eddy County Trunkline Project, Eddy County, New Mexico



Photo 9 Close-up view of opening within closed depression/animal burrow



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 551625

QUESTIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2529752314
Incident Name	NAPP2529752314 DEEP ELEM RISER @ A-08-26S-31E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	DEEP ELEM RISER
Date Release Discovered	10/24/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 600 BBL Recovered: 430 BBL Lost: 170 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 551625

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 02/08/2026
--	--

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 551625

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	12900
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	04/02/2026
On what date will (or did) the final sampling or liner inspection occur	05/17/2026
On what date will (or was) the remediation complete(d)	07/01/2026
What is the estimated surface area (in square feet) that will be reclaimed	28300
What is the estimated volume (in cubic yards) that will be reclaimed	3205
What is the estimated surface area (in square feet) that will be remediated	28300
What is the estimated volume (in cubic yards) that will be remediated	3205

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 551625

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	TX
What is the name of the out-of-state facility	Desert Environmental Storage, Treatment and Disposal Facility
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Todd Wells Title: Safety and Environmental Specialist Email: Todd_Wells@eogresources.com Date: 02/08/2026
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 5

Action 551625

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 6

Action 551625

QUESTIONS (continued)

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 551625

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 551625
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The Site Characterization and Work Plan is approved to include the following conditions of approval (COAs): 1. The request to "re-use" a previous variance request approval for depth to groundwater from the approval on August 14, 2023 is not approved to be used again. 2. Being that the incident has occurred in medium karst and depth to groundwater has not been adequately determined, the alternative sampling plan to collect confirmation samples every 500 sq. ft. is not approved. Additionally, alternative sampling plan requests are not approved for areas greater than 400 sq. ft. 3. In lieu of determining depth to groundwater, EOG may elect to utilize the most stringent standards in Table 1 of 19.15.29 NMAC. The least stringent standards in Table 1. for remediation cannot be approved at this time.	2/23/2026